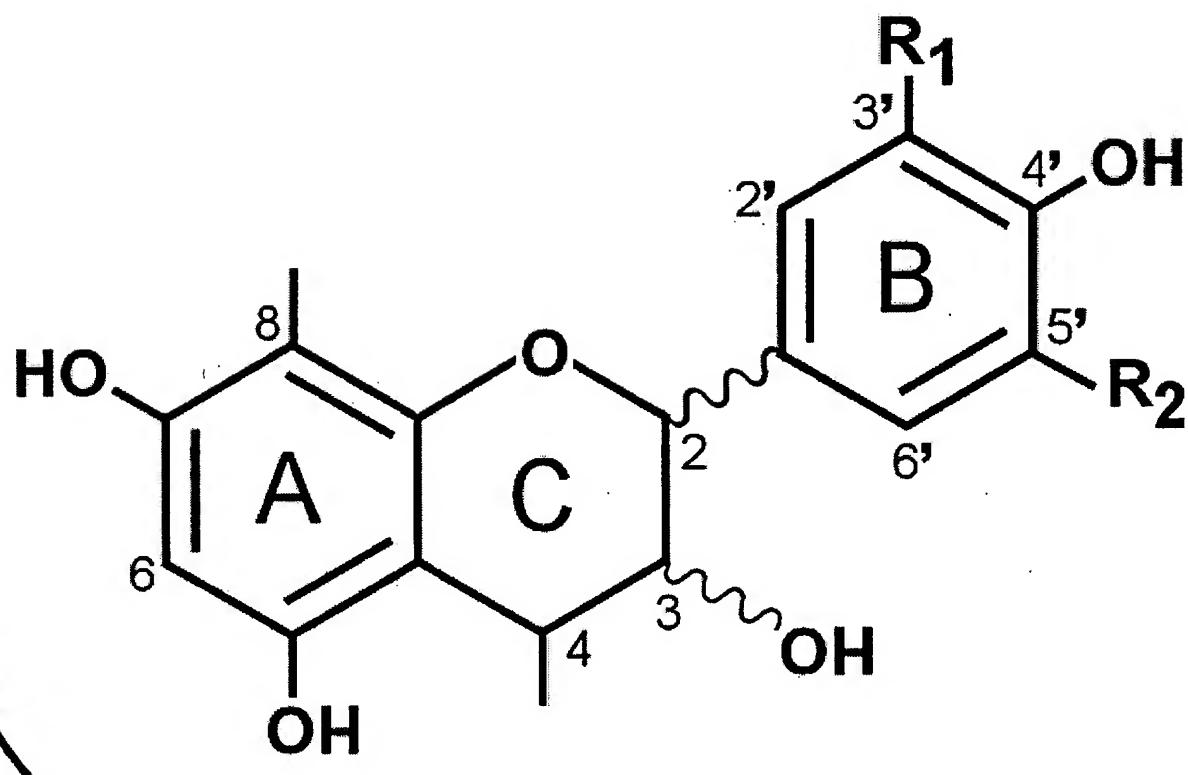


EV072532437US



- FIGURE 1 -

2015-06-22 10:00:00

FIGURE 2

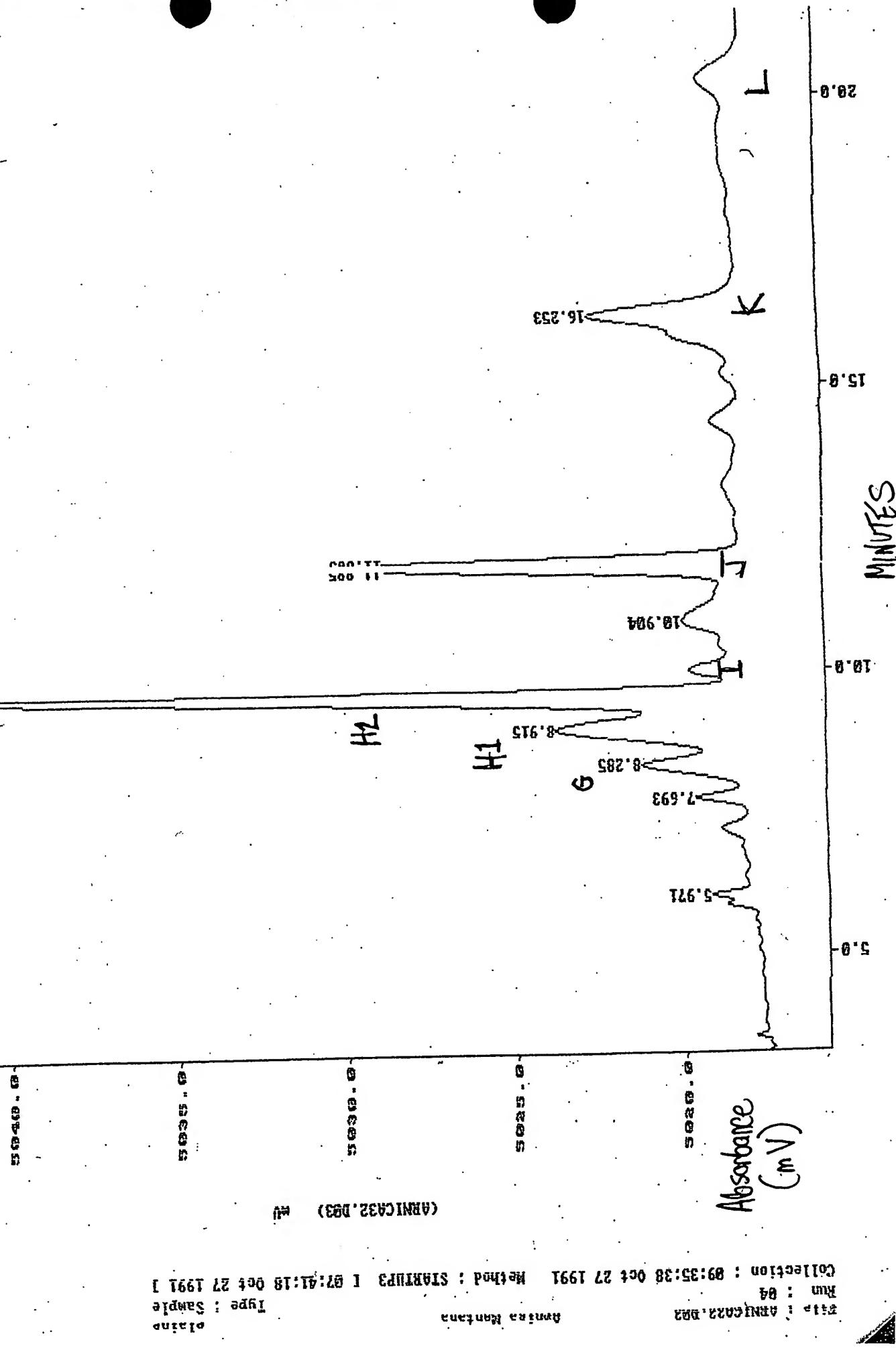
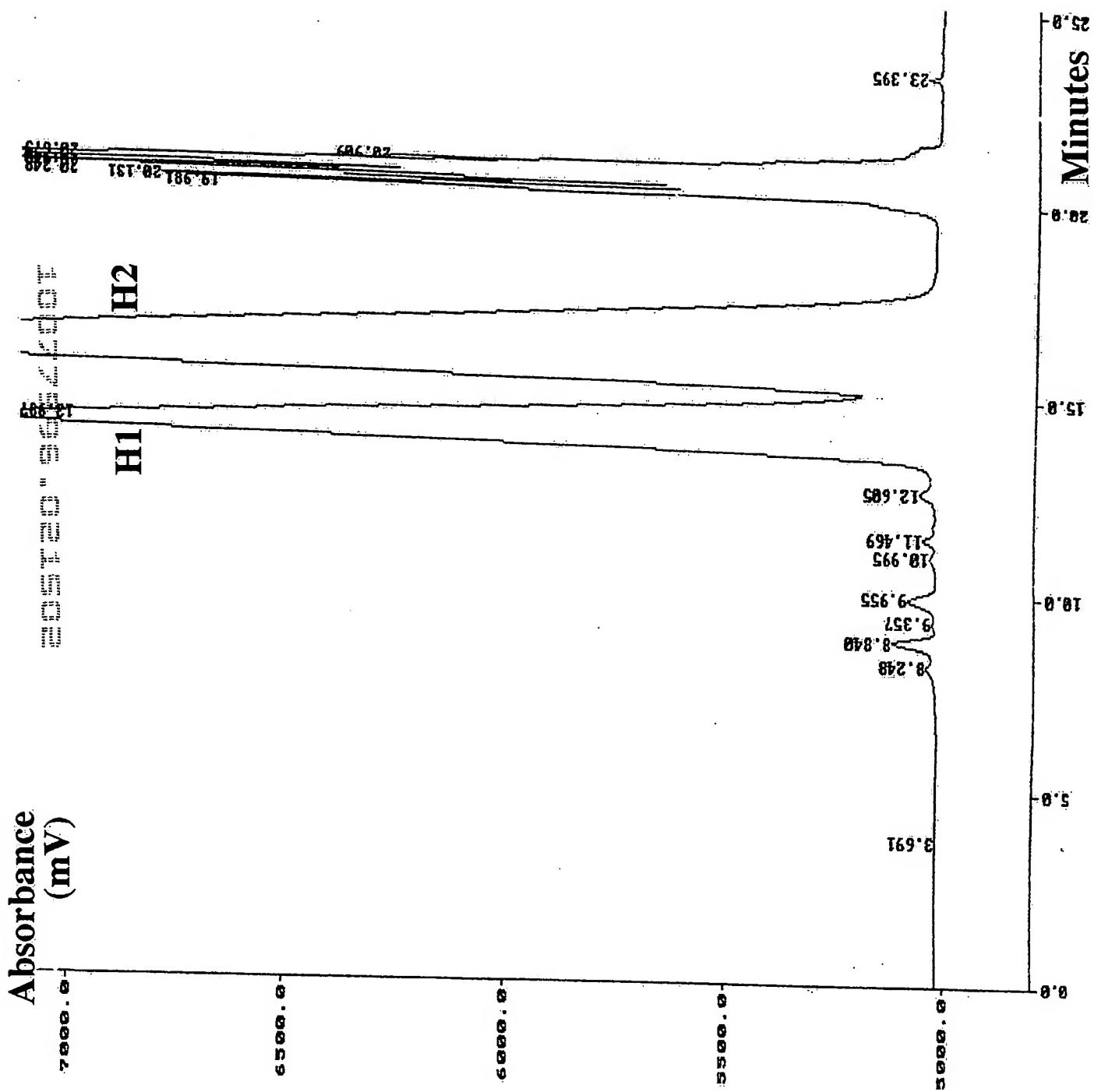


FIGURE 3



Absorbance
(mV) 5550.0

5545.0

5540.0

5535.0

5530.0

5525.0

5520.0

5515.0

729.0

9.128

(PROTEC6.D03) MU

2000 1800 1600 1400 1200 1000 800 600 400 200

FIGURE 4

-

-

MINUTES

38.0

25.0

20.0

15.0

10.0

5.0

0.0

31.533

27.928

H2

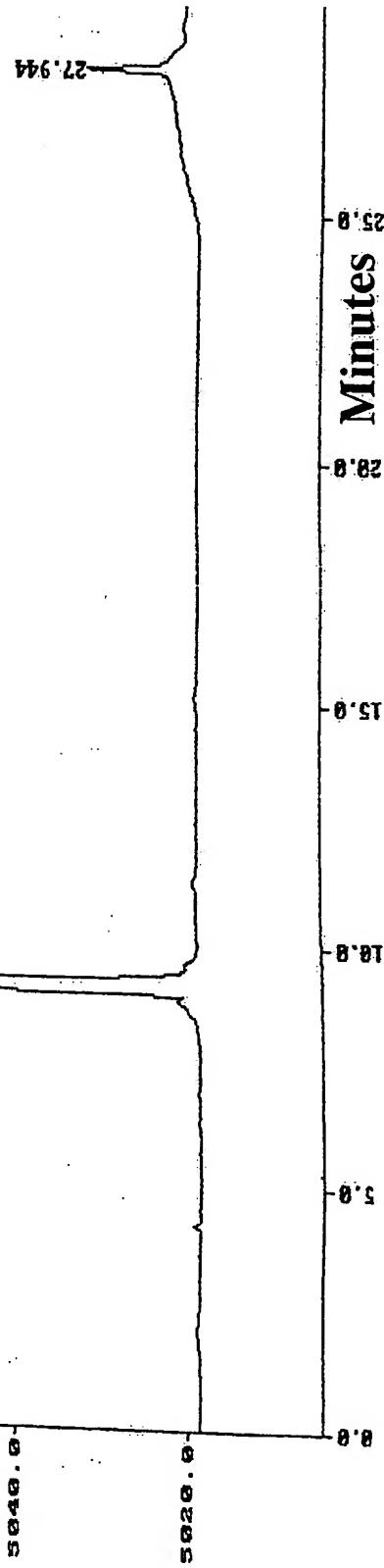
H1

Run #: 02 Collection : 12:11:51 Nov 29 1991 Method : STARTRIPS [11:25:27 Nov 29 1991]
Type : Sample File : 111

6251

Absorbance
(mV)

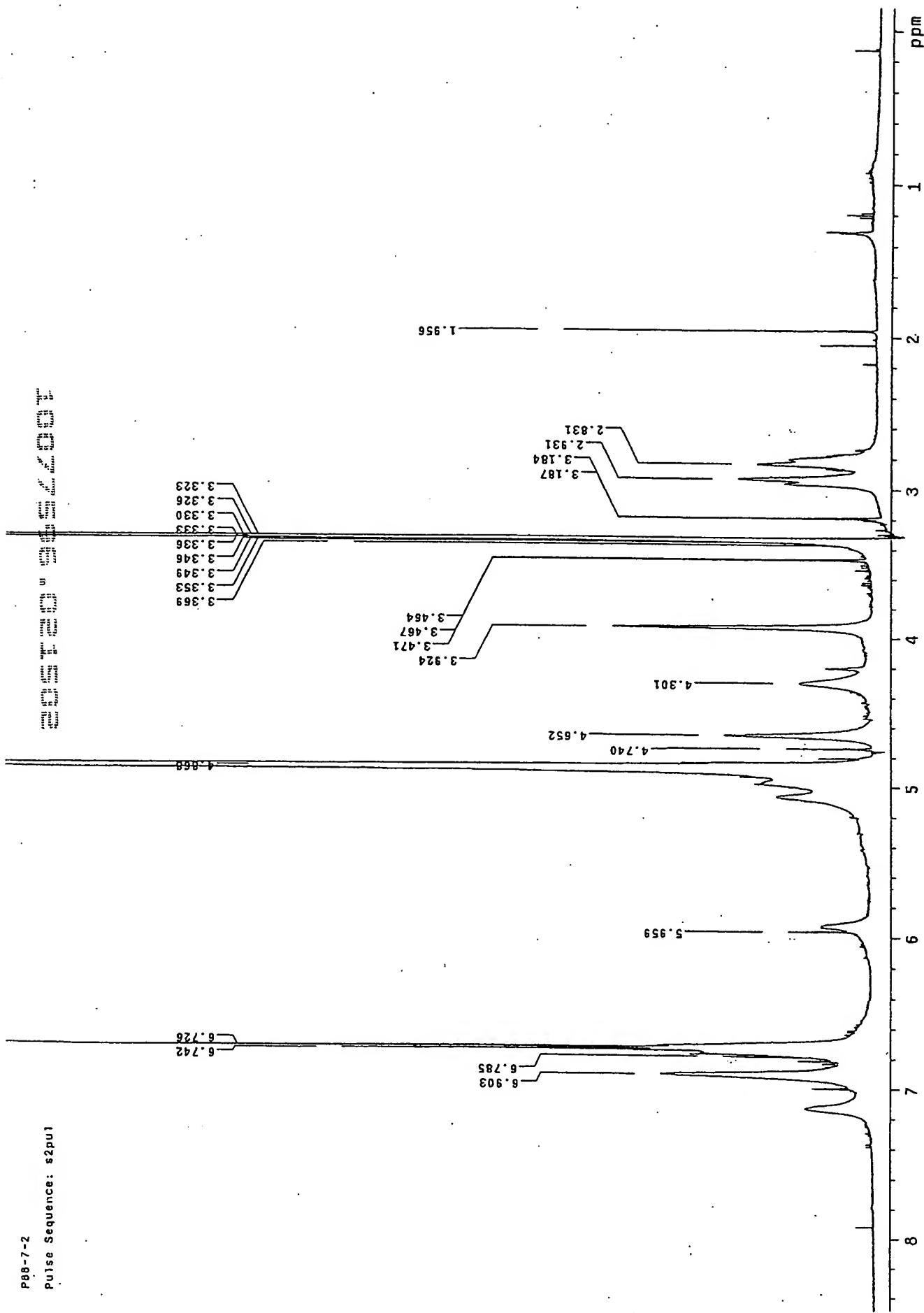
H2



— FIGURE 5

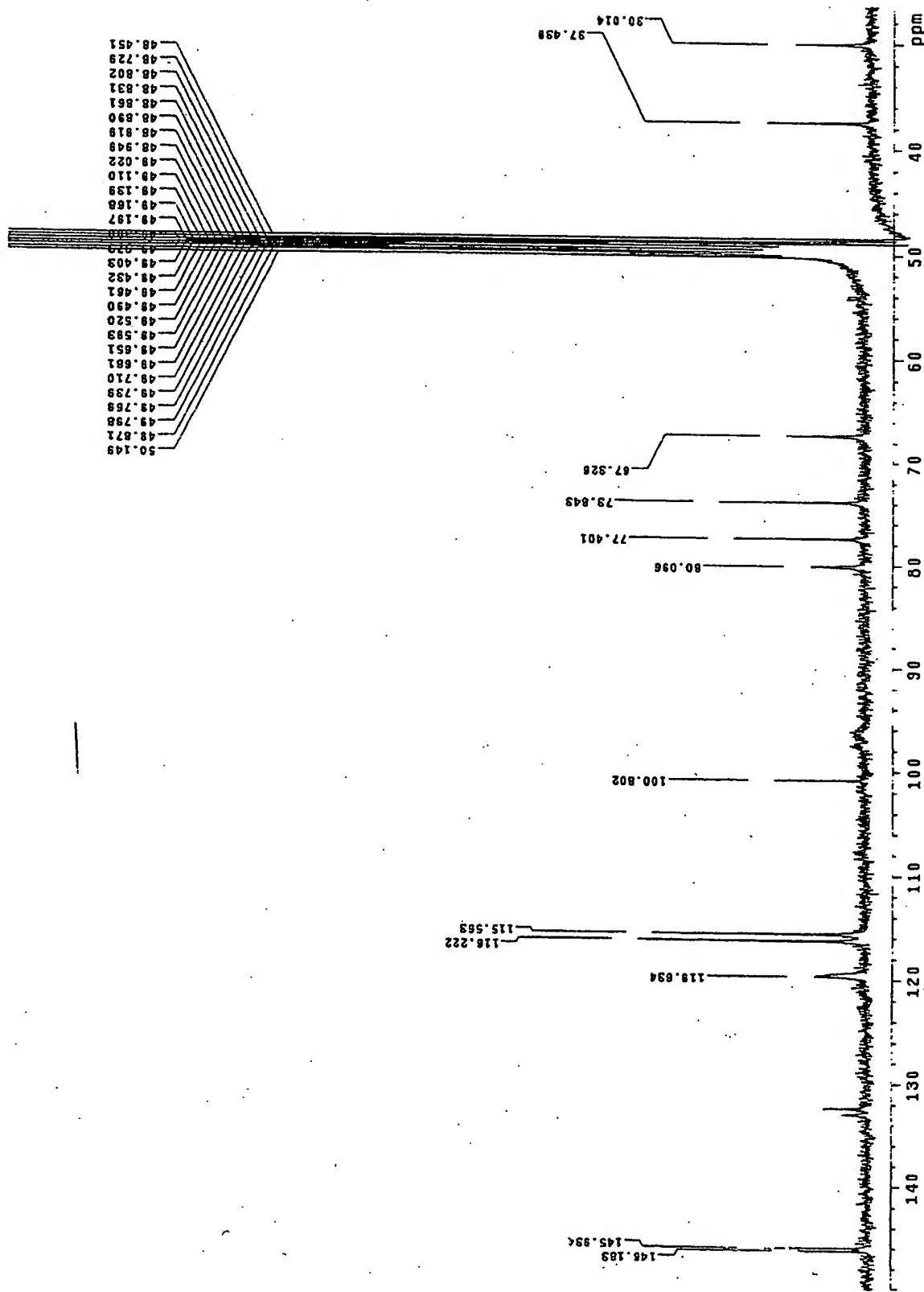
Pulse Sequence: s2pu1

P08-7-2

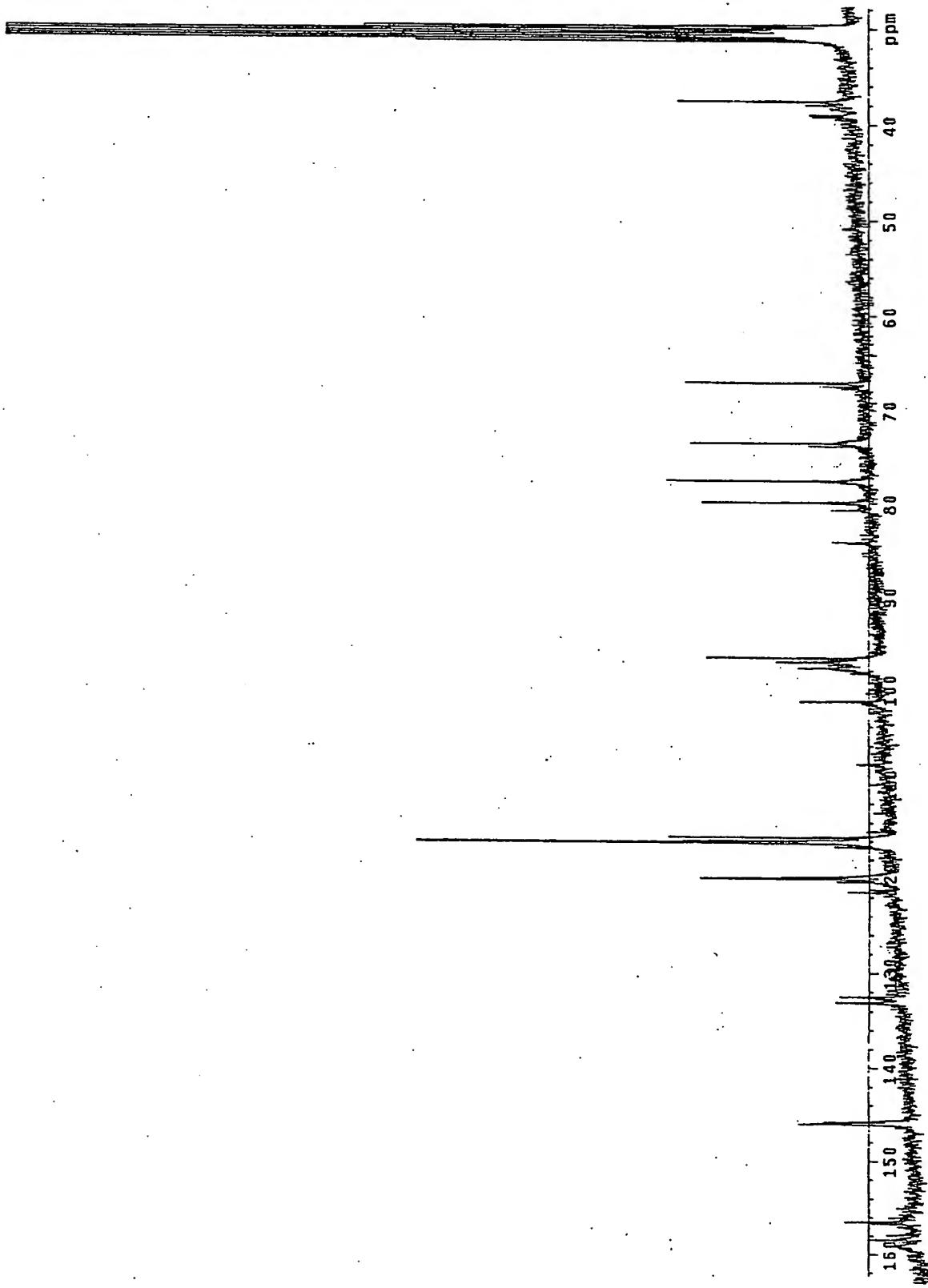


— FIGURE 6 —

FIGURE 7



— FIGURE 8

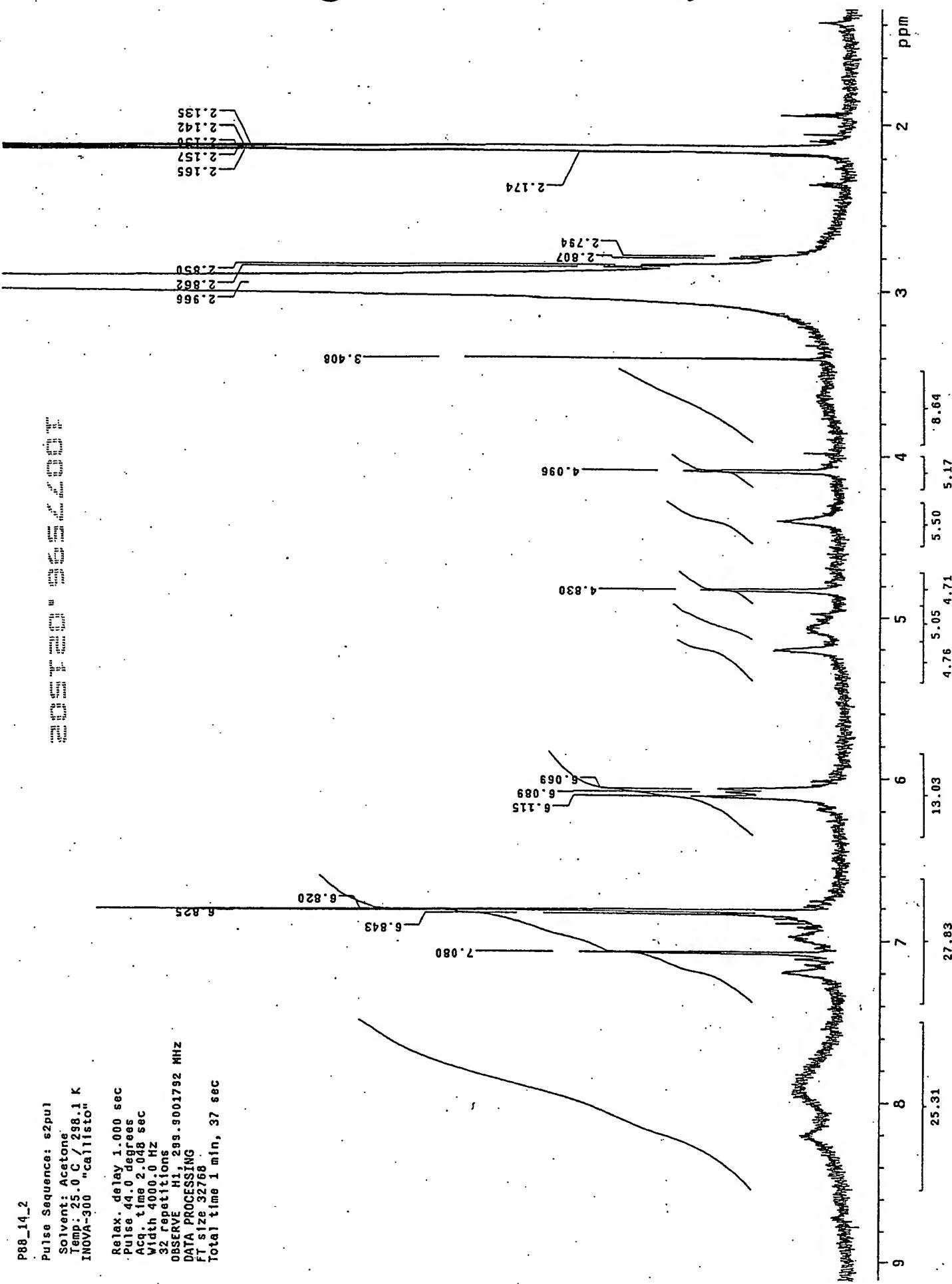


160 140 120 100 80 70 50 40

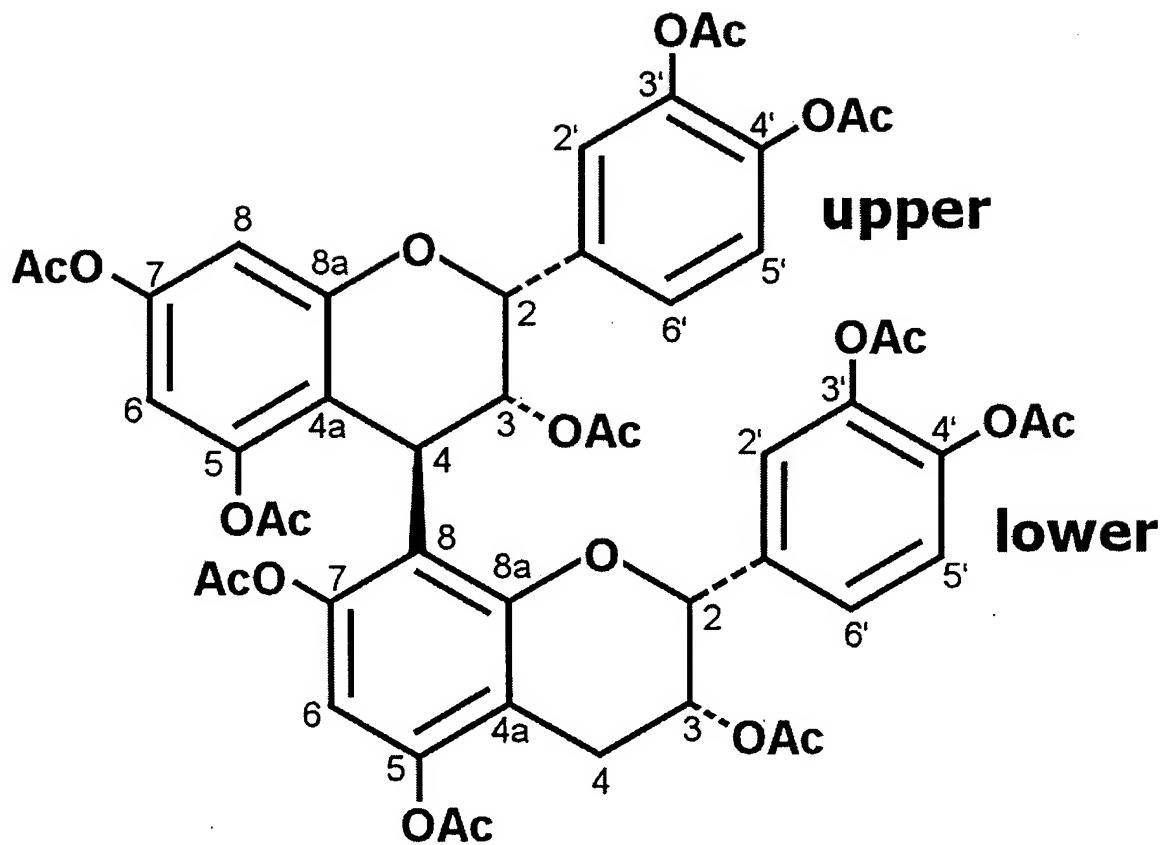
P88_14_2

Pulse Sequence: s2pu1
Solvent: Acetone
Temp.: 25.0 °C / 298.1 K
INOVA-300 "callisto"

Relax. delay 1.000 sec
Pulse 44.0 degrees
Acq. time 2.048 sec
Width 400.0 Hz
32 repetitions
OBSERVE H1, 293.9001792 MHz
DATA PROCESSING
FT size 32768
Total time 1 min, 37 sec

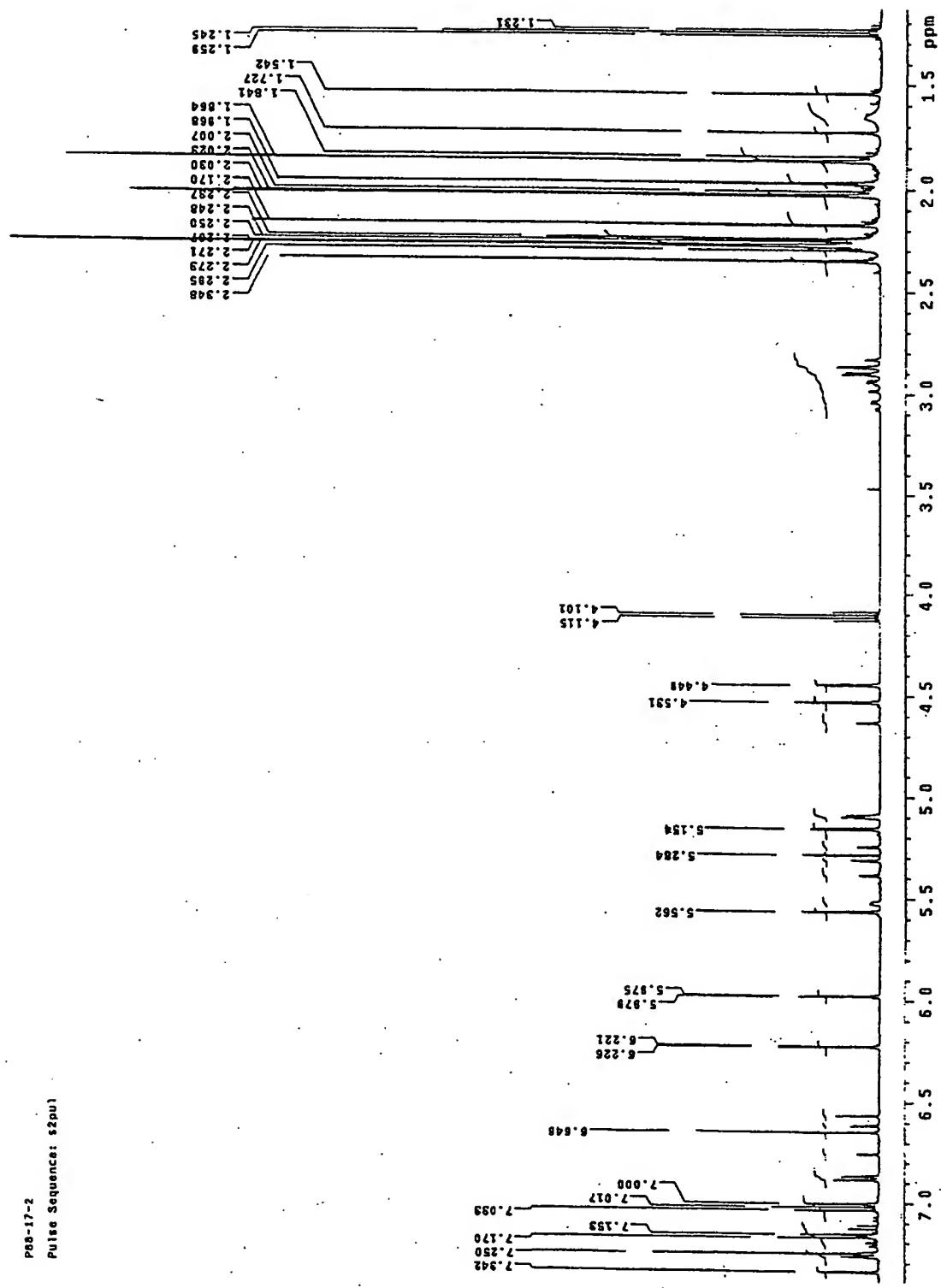


00327598 = 0034502



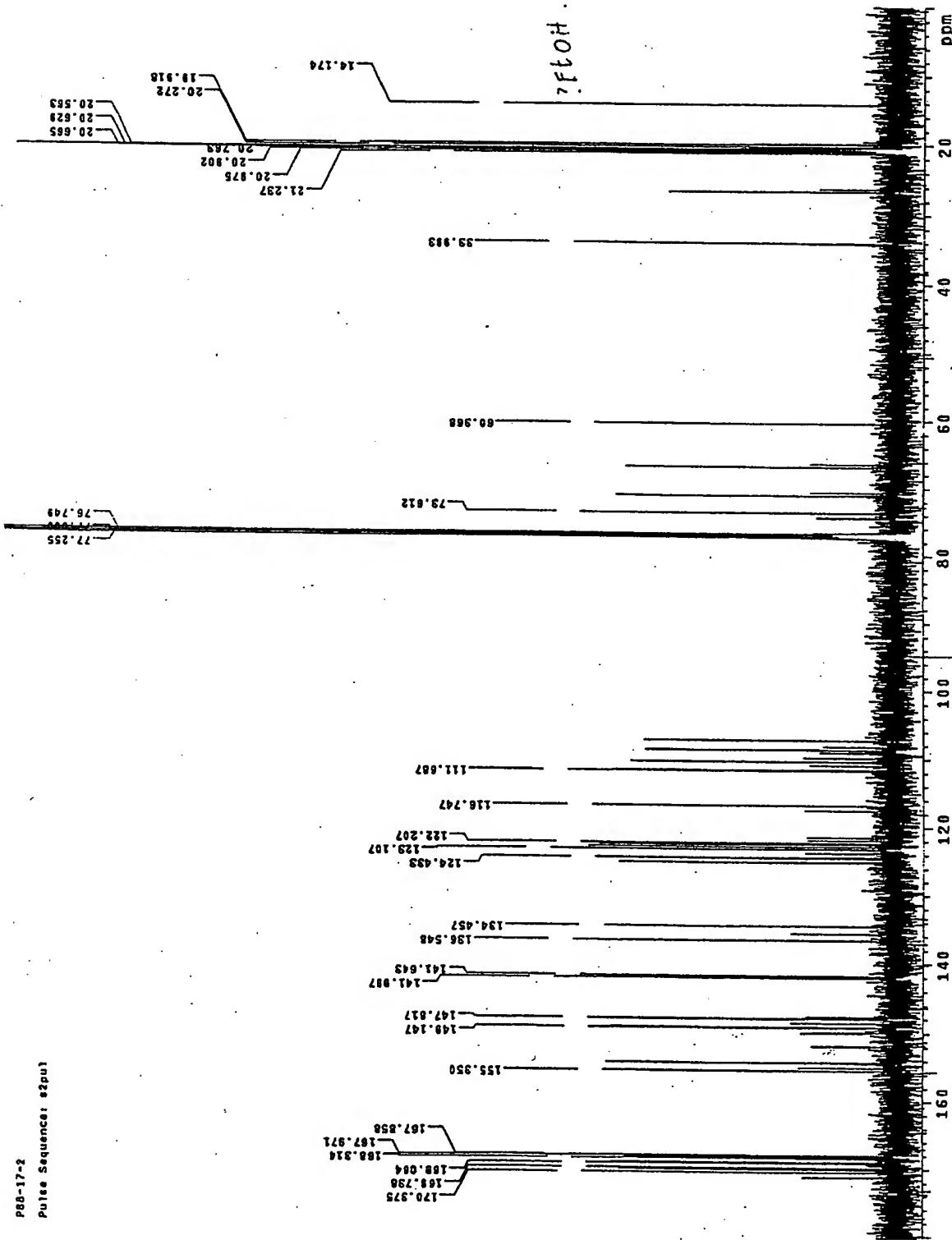
- FIGURE 10 -

FIGURE



NMR 8. ^1H NMR spectrum of H_2 peracetate (3) in CDCl_3 .

12

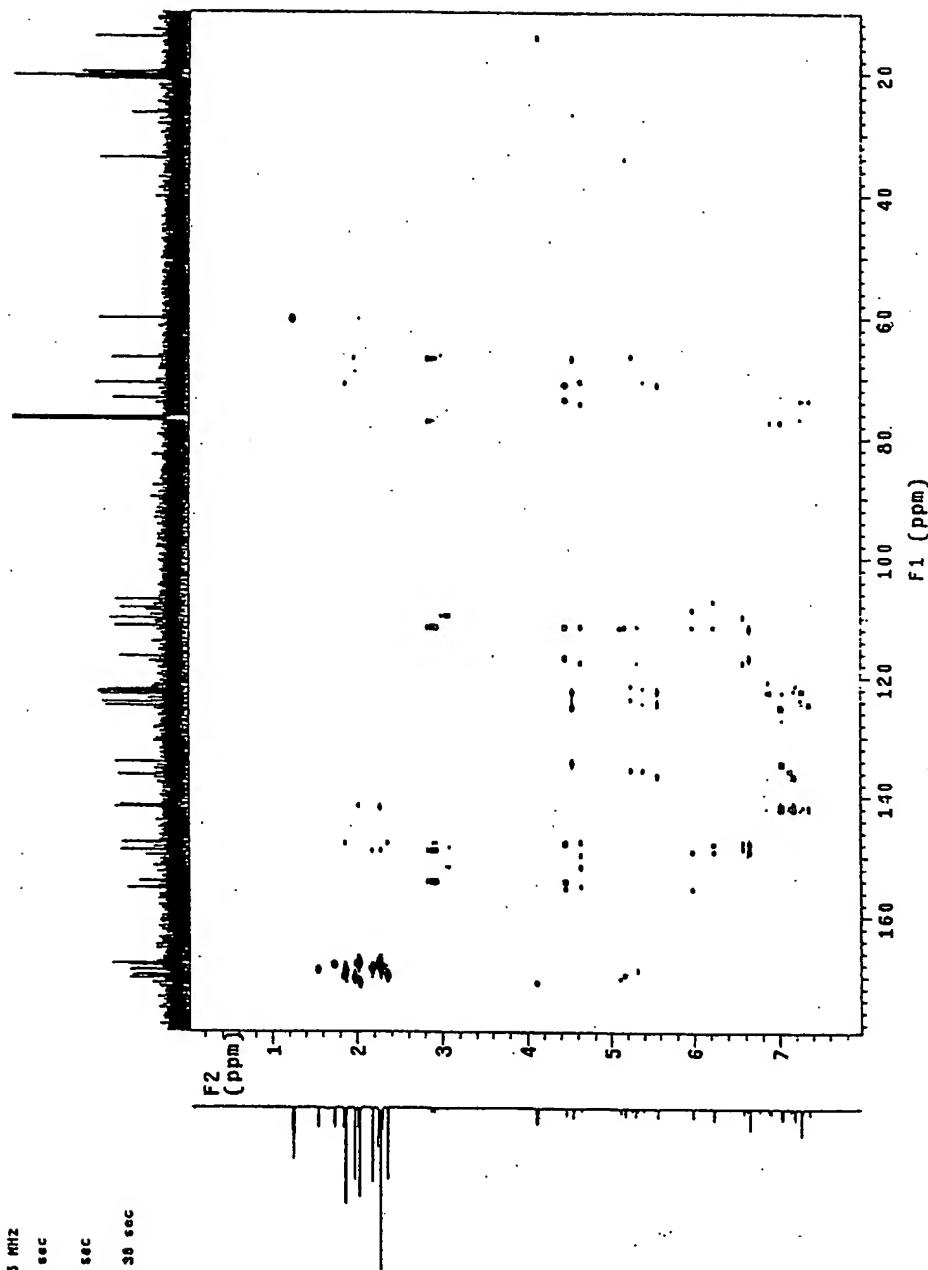


NMR 11 ^{13}C NMR spectrum of H2 peracetate (3) in CDCl₃.

20 20 20 20 20 20 20

P88-17-2
Pulse Sequence: CIGAR
Solvent: CDCl₃ / 298.1 K
Temp.: 25.0 C / 298.1 K
User: I-14-87
IRVVA-500 "Europa"

Relax. delay 1.000 sec
Acq. time 0.441 sec
Width 4247.8 Hz
2D Width 22616.0 Hz
32 repetitions
4000 increments
OBSERVE H1: 33.7381375 MHz
DATA PROCESSING
Gauss apodization 0.121 sec
Sine bell 0.121 sec
F1 DATA PROCESSING
Gauss apodization 0.016 sec
Sine bell 0.016 sec
FT size 2048 x 8932
Total time 4 hr, 57 min, 36 sec

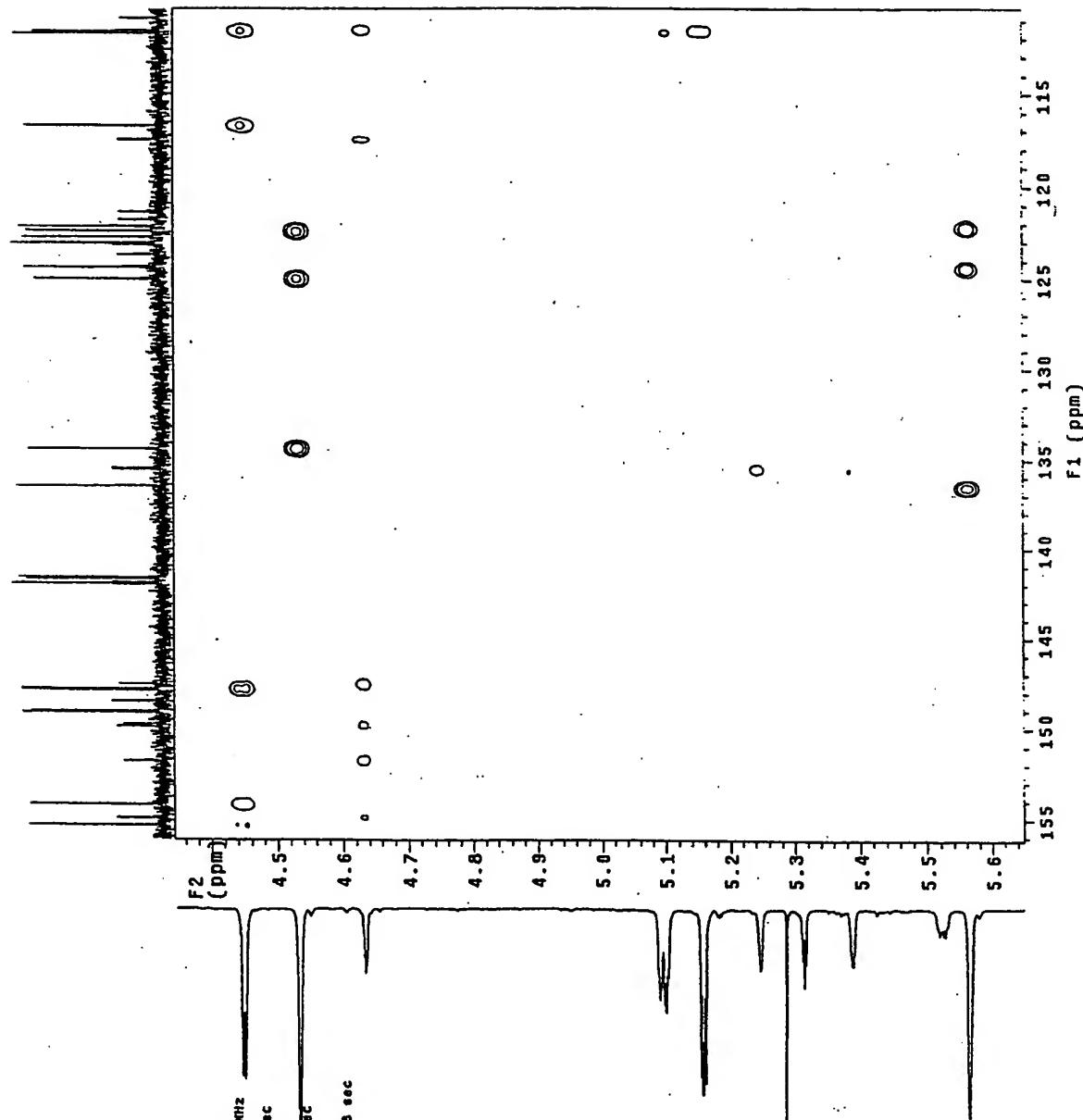


NMR 12 CIGAR H - ¹³C correlation spectrum of H2 peracetate (3).

FIGURE 13

PPB-17-2

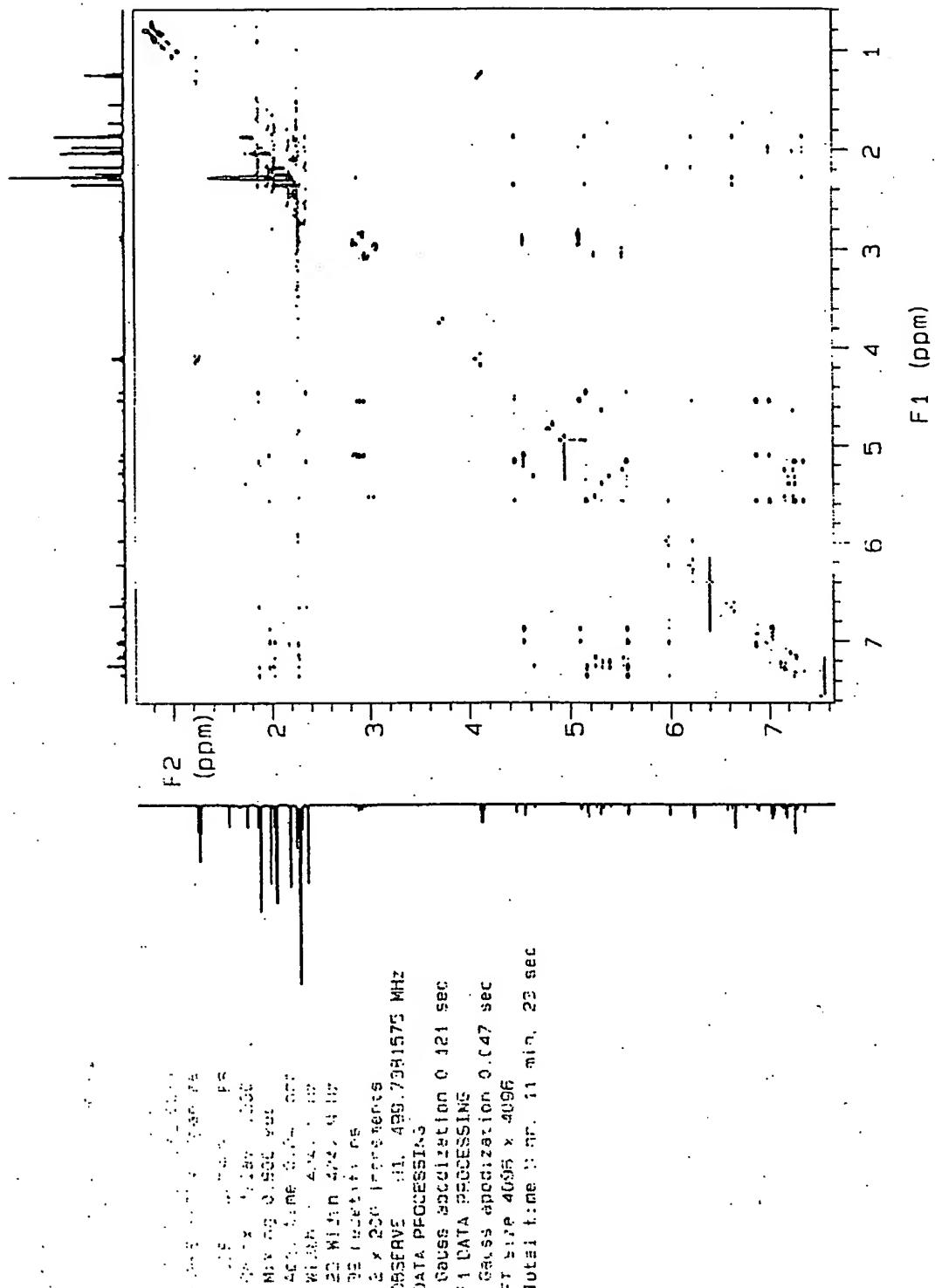
Pulse Sequence: CIGAR
Solvent: CDCl₃
temp. 25.0 C / 288.1 K
File: PPB-17-2_cigar
WORKSTATION "Gangyede"
PULSE SEQUENCE: CIGAR
Relax. delay 1.000 sec
Acq. time 0.241 sec
Width 4247.9 Hz
2D Width 22838.0 Hz
32 repetitions
400 increments
observe H1 498.7981575 MHz
DATA PROCESSING
Gauss Apodization 0.121 sec
Sine bell 0.121 sec
F1 DATA PROCESSING
Gauss Apodization 0.018 sec
Sine bell 0.018 sec
F1 size 2048
Total time 4 hr, 57 min, 38 sec



NMR 13-CIGAR ¹H - ¹³C correlation spectrum of H₂peracetate (3)

— FIGURE 14

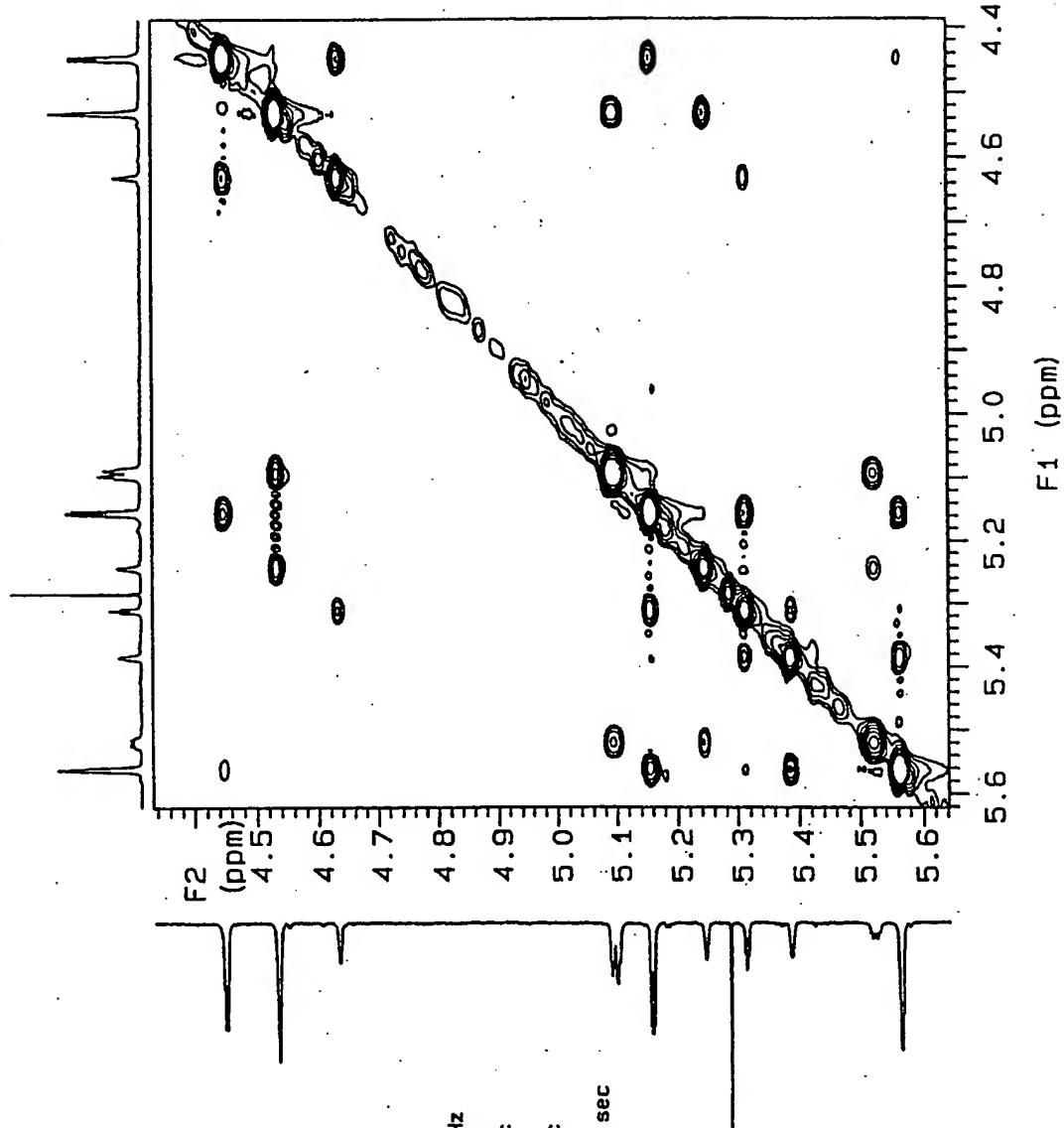
FIGURE 15



2205 2206 2207 2208 2209

P88-17-2
Pulse Sequence: NOESY

Solvent: CDCl₃
Temp. 25.0 °C / 298.1 K
File: P88_17_2_noesy8
WORKSTATION "genymede"
PULSE SEQUENCE: NOESY
Relax. delay 1.500 sec
Mixing 0.800 sec
Acq. time 0.241 sec
Width 4247.9 Hz
2D Width 4247.9 Hz
32 repetitions
2 x 200 increments
OBSERVE H1, 499.7381575 MHz
DATA PROCESSING
Gauss apodization 0.121 sec
F1 DATA PROCESSING
Gauss apodization 0.047 sec
FT size 4096 x 4096
Total time 9 hr. 11 min. 23 sec



NMR 15 NOESY Correlation spectrum of H₂ peracetate (3).

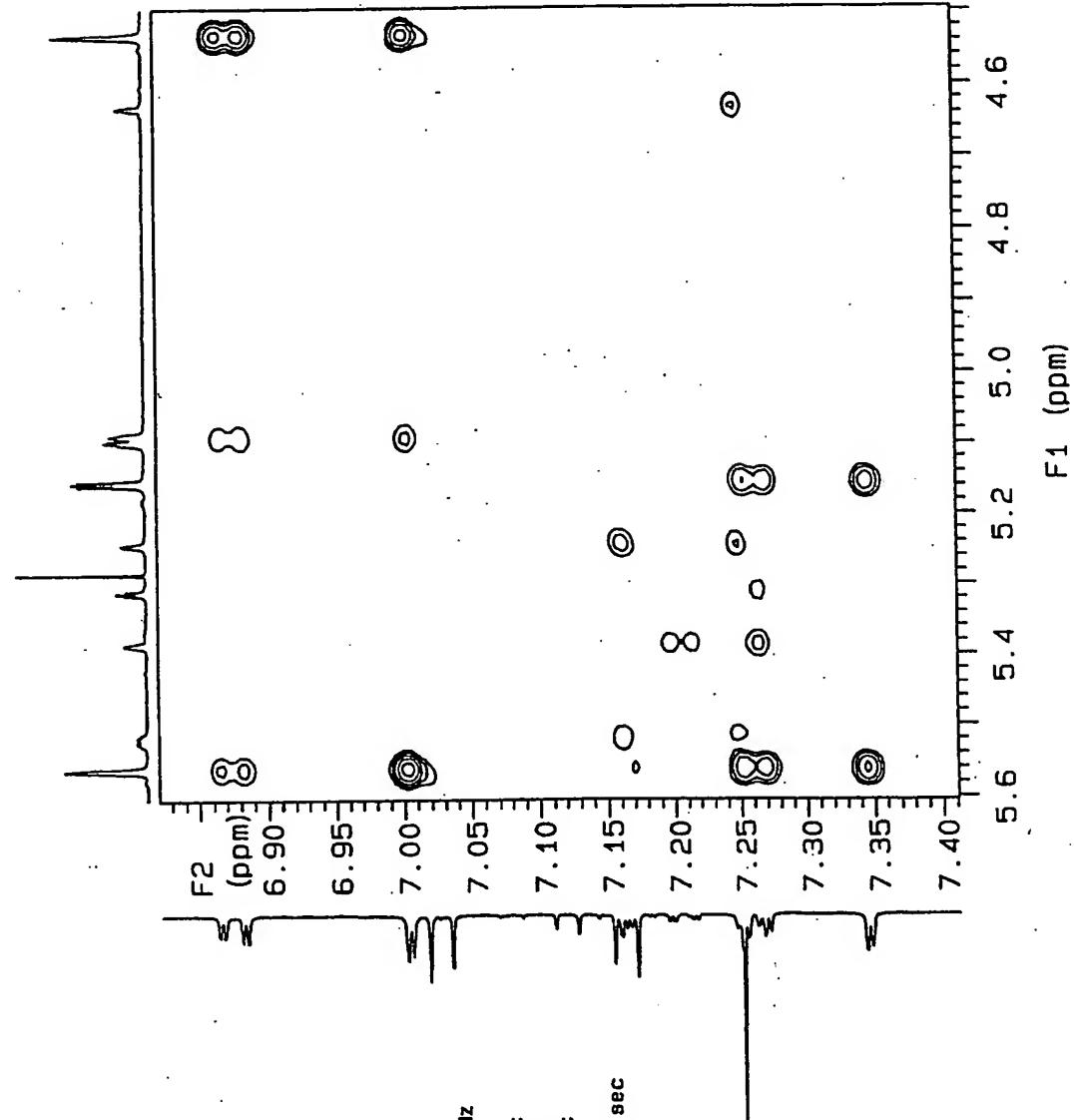
FIGURE 16

2000 1999 1998 1997 1996 1995 1994

P88-17-2

Pulse Sequence: NOESY

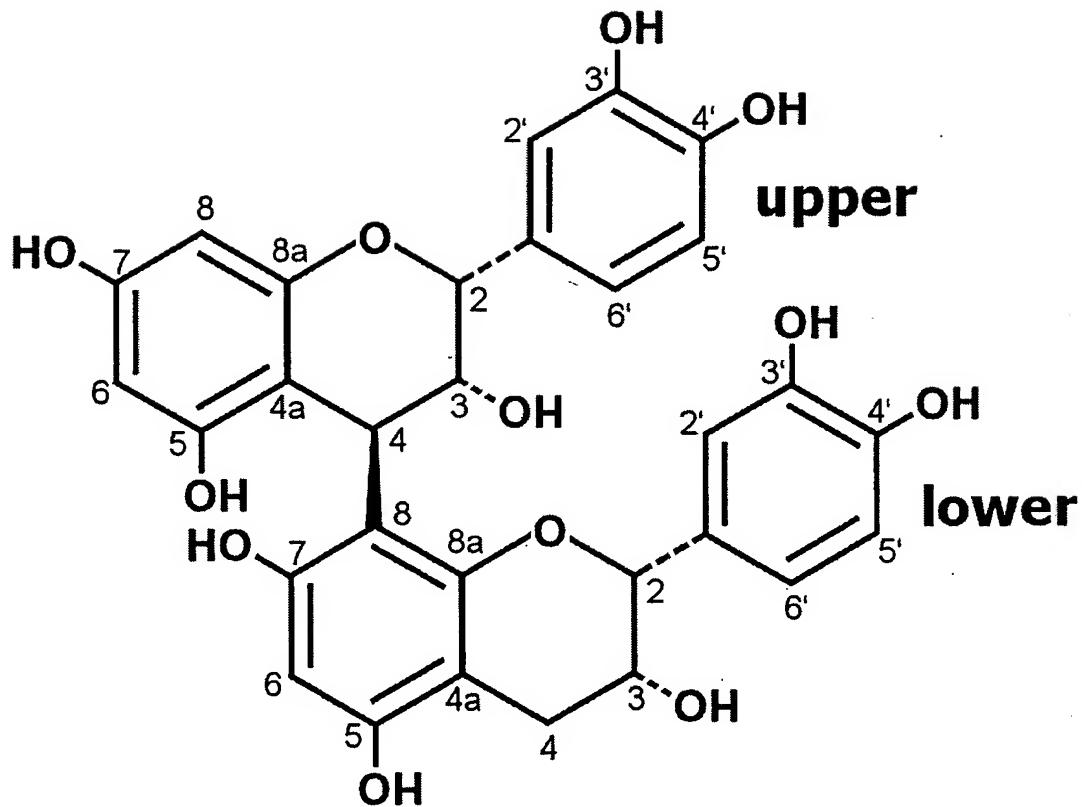
Solvent: CDC13
Temp. 25.0 C / 298.1 K
File: P88-17-2_noesy8
WORKSTATION "ganymede"
PULSE SEQUENCE: NOESY
Relax. delay 1.500 sec
Mixing 0.800 sec
Acq. time 0.241 sec
Width 4247.9 Hz
2D Width 4247.9 Hz
32 repetitions
2 x 200 increments
OBSERVE H1, 499.7381575 MHz
DATA PROCESSING
Gauss apodization 0.121 sec
F1 DATA PROCESSING
Gauss apodization 0.047 sec
FT size 4096 x 4096
Total time 9 hr, 11 min, 23 sec



NMR 1H NOESY Correlation spectrum of H2 peracetate (3).

FIGURE 17

400-232566-0224562



- FIGURE 18 -

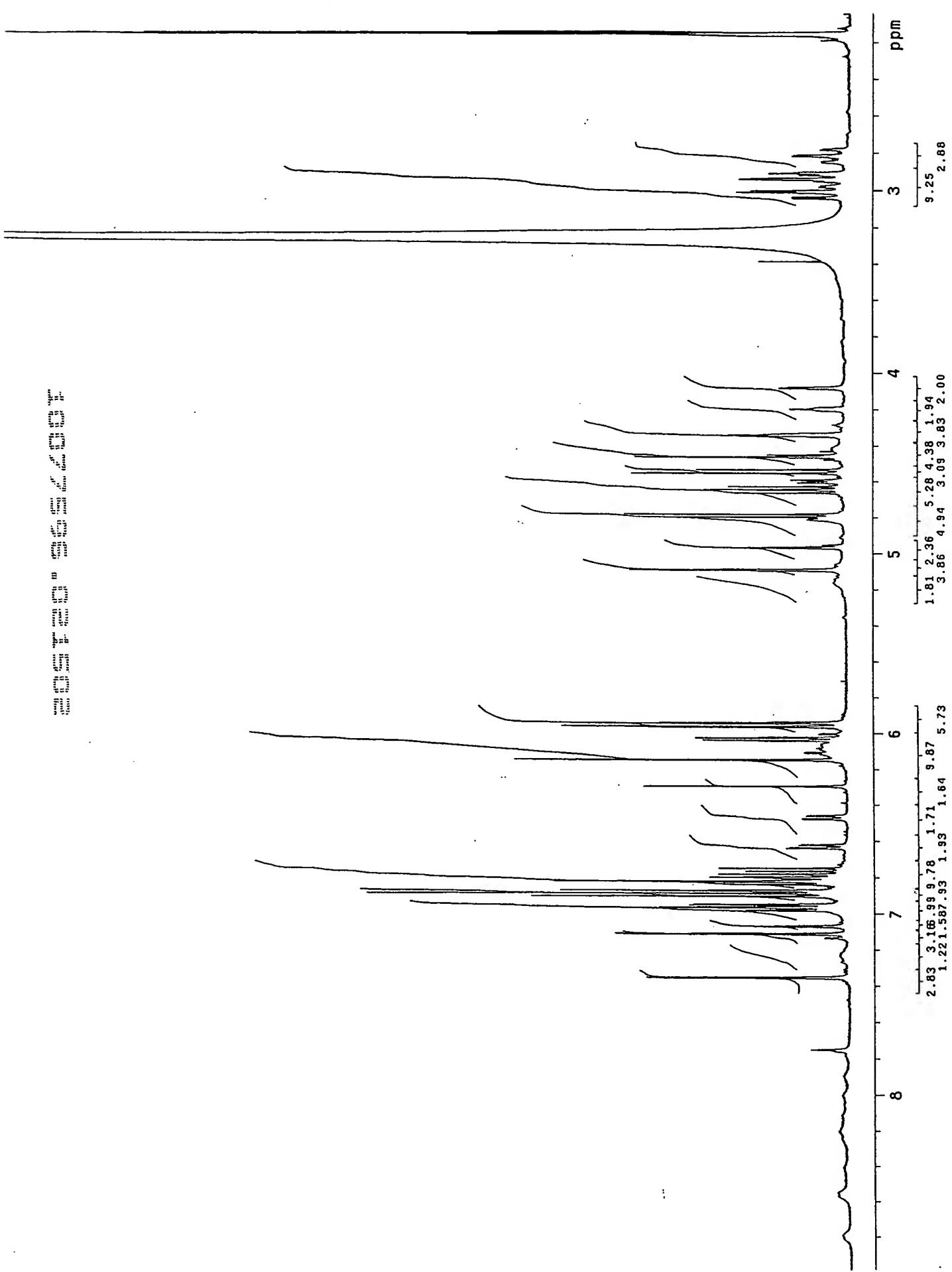


FIGURE 19

P88-23-1

Pulse Sequence: s2pul

200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50

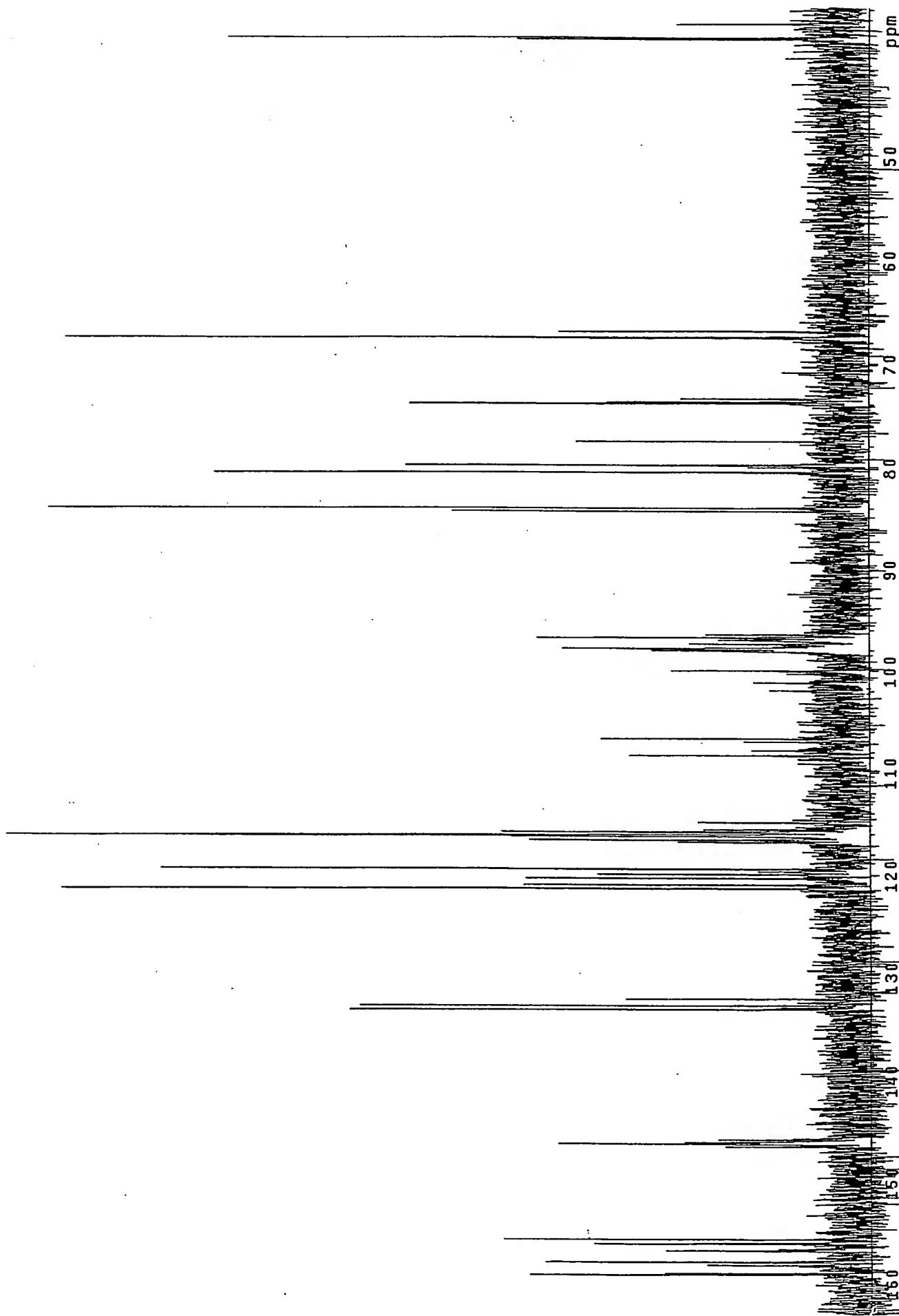
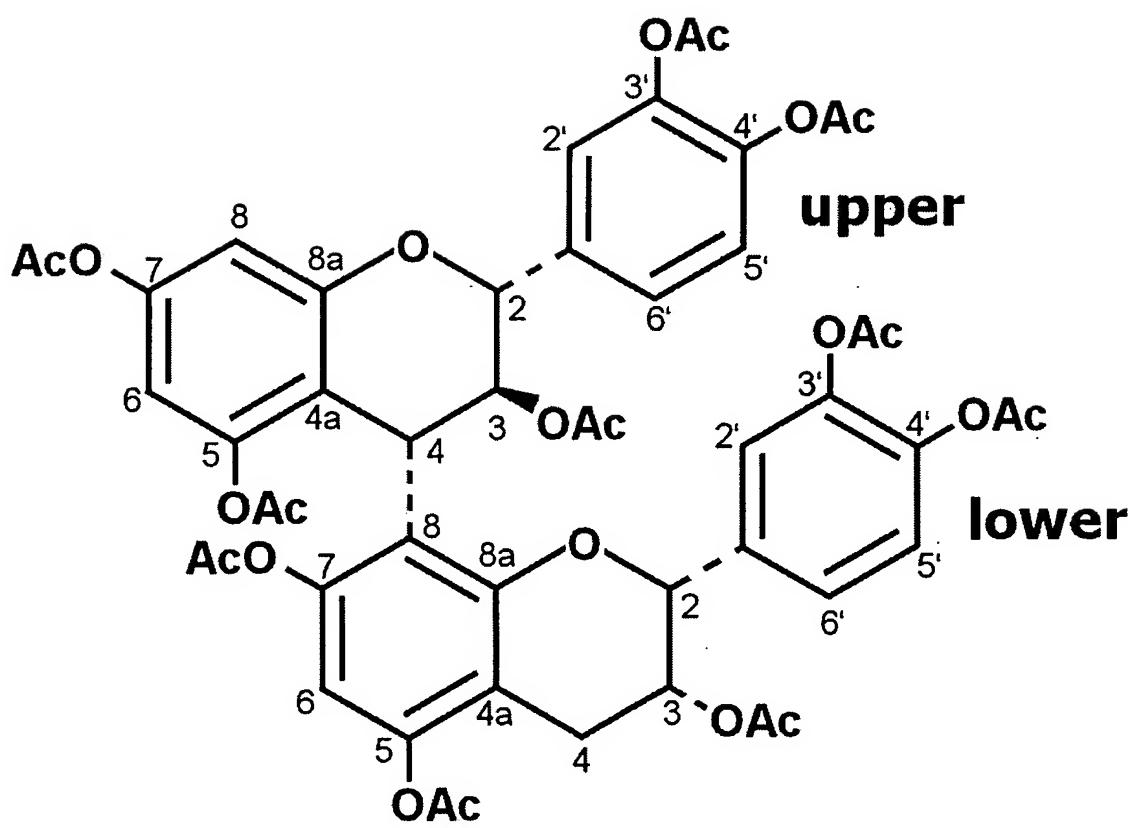


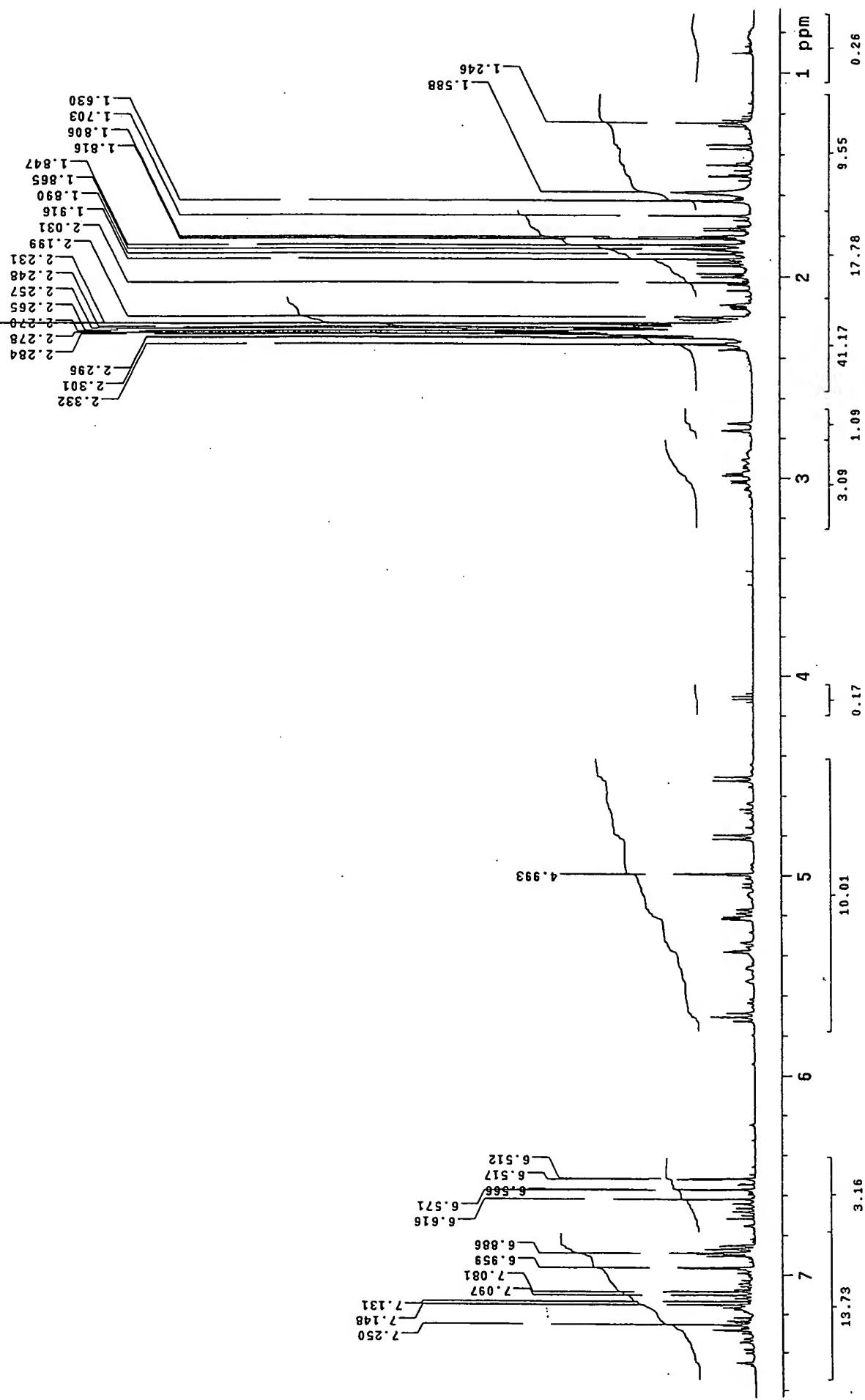
FIGURE 20

00225661-0000-0000-0000-00000000



- FIGURE 21 -

0.00 0.25 0.50 0.75 1.00 1.25 1.50 1.75 2.00 2.25 2.50 2.75 3.00 3.25 3.50 3.75 4.00 4.25 4.50 4.75 5.00 5.25 5.50 5.75 6.00 6.25 6.50 6.75 7.00 7.25 7.50 7.75 8.00 8.25 8.50 8.75 9.00 9.25 9.50 9.75 10.00



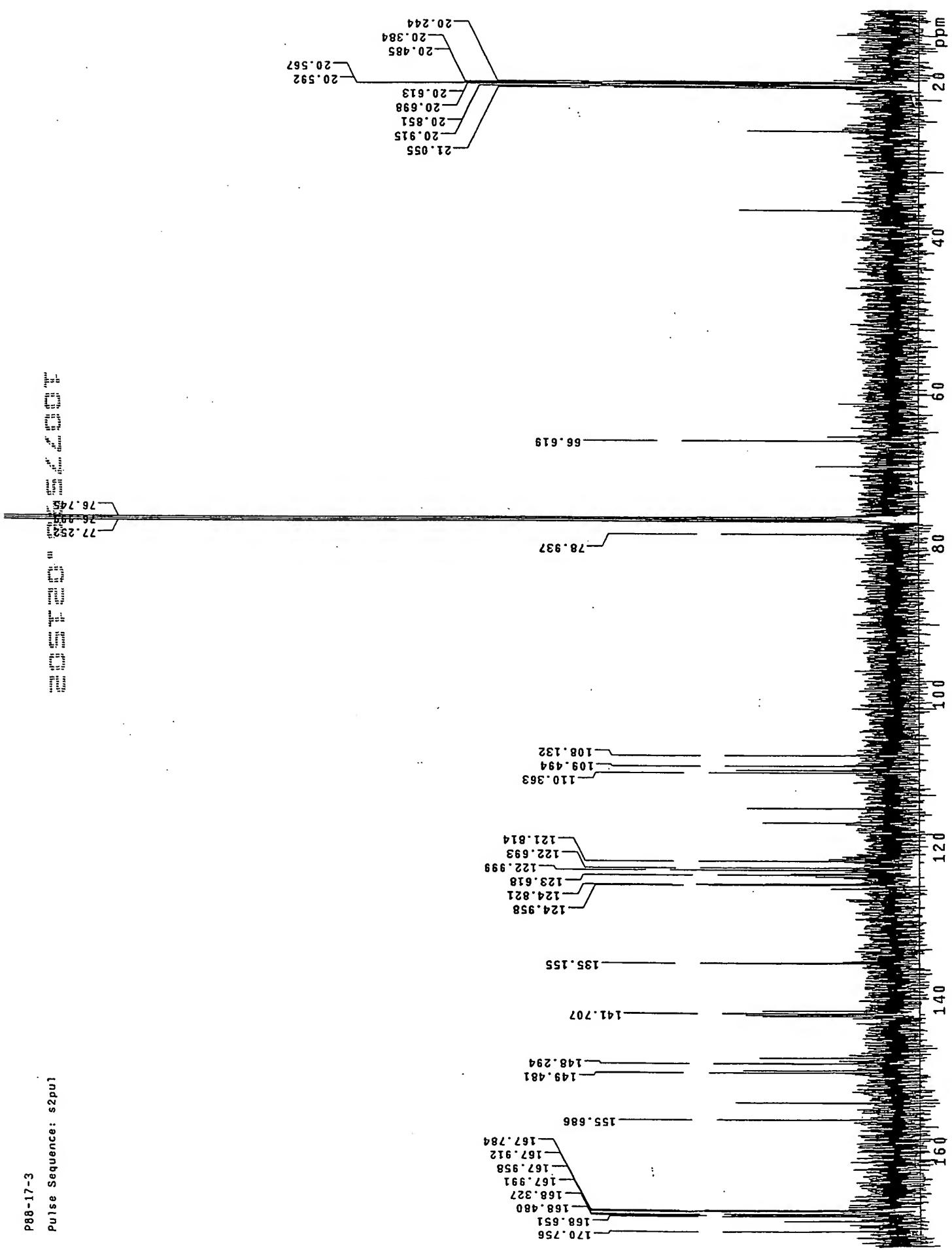


FIGURE 23

P88-17-3

Pulse Sequence: CIGAR
Solvent: CDC13
Temp. 25.0 C / 298.1 K
User: 1-14-87
INOVA-500 "europa"

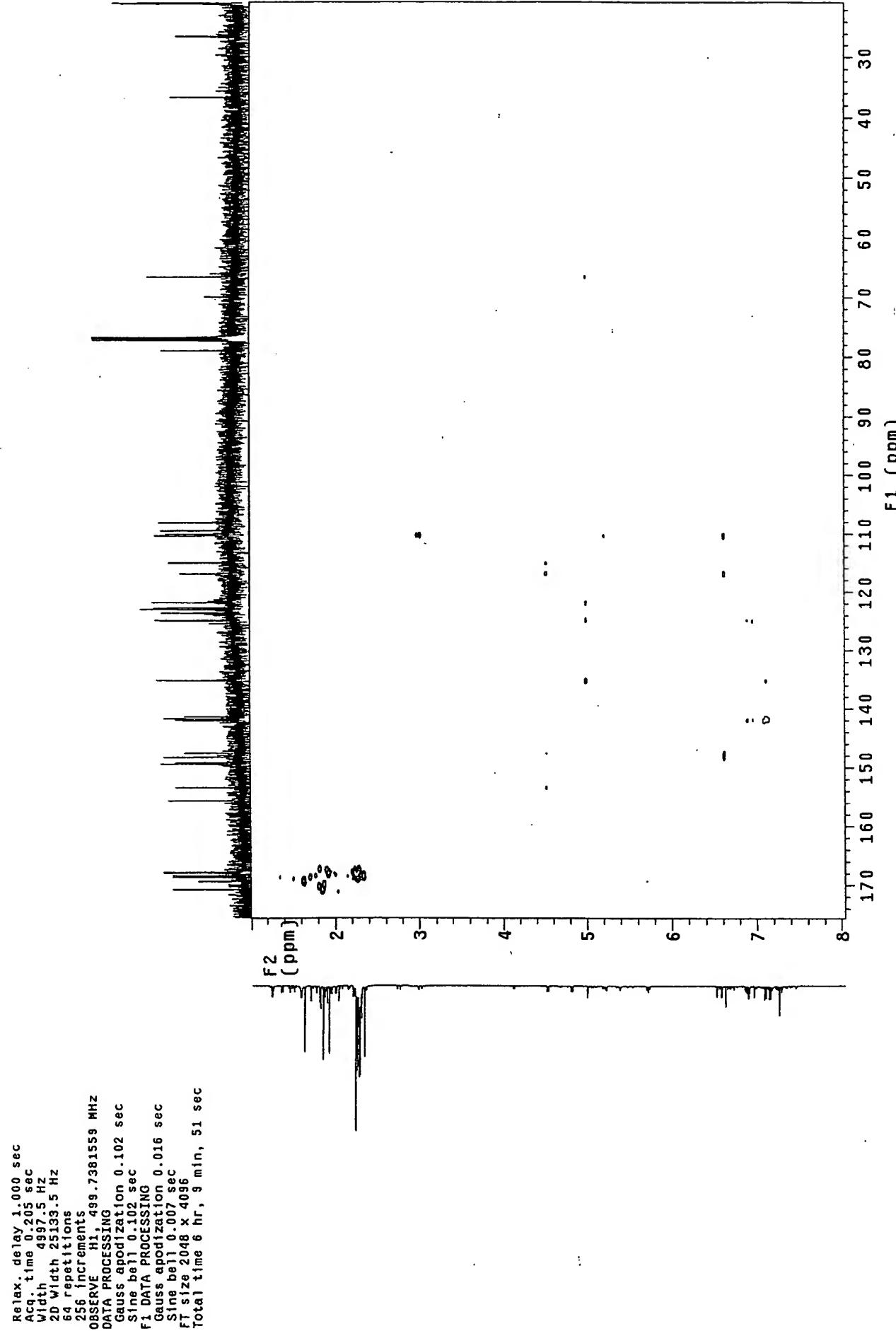


FIGURE 24

P88-17-3

Pulse Sequence: CIGAR

Solvent: CDC13

Temp. 25.0 C / 298.1 K

File: P88_17_3_cigar

WORKSTATION "ganymede"

PULSE SEQUENCE: CIGAR

Relax. delay 1.000 sec

Acq. time 0.205 sec

Width 4997.5 Hz

2D Width 25133.5 Hz

64 repetitions

256 increments

OBSERVE H1, 499.7381559 MHz

DATA PROCESSING

Gauss apodization 0.102 sec

Sine bell 0.102 sec

F1 DATA PROCESSING

Gauss apodization 0.016 sec

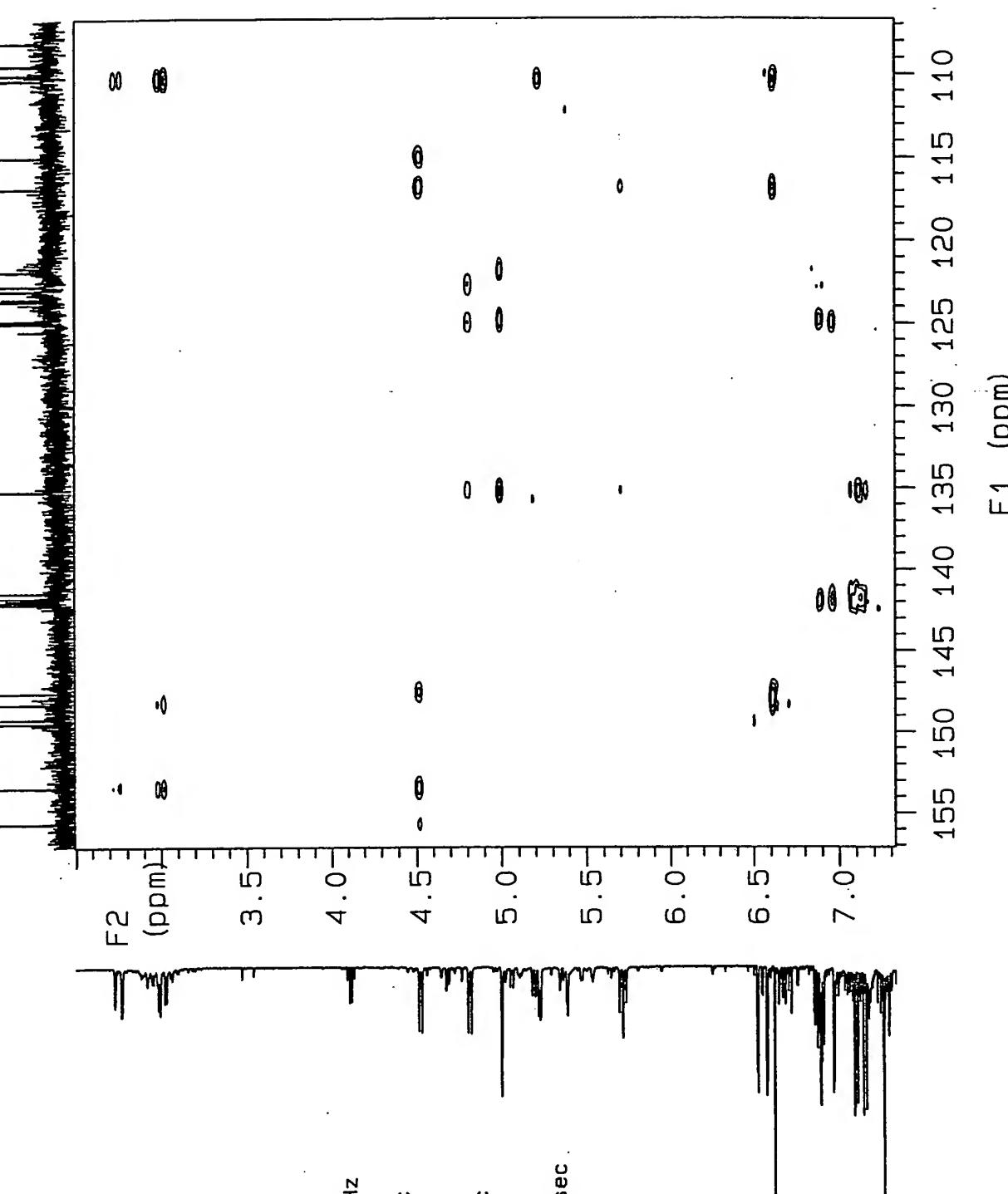
Sine bell 0.007 sec

FT size 2048 x 4096

Total time 6 hr, 9 min, 51 sec.

220 215 210 205 200 195 190 185 180 175 170 165 160 155

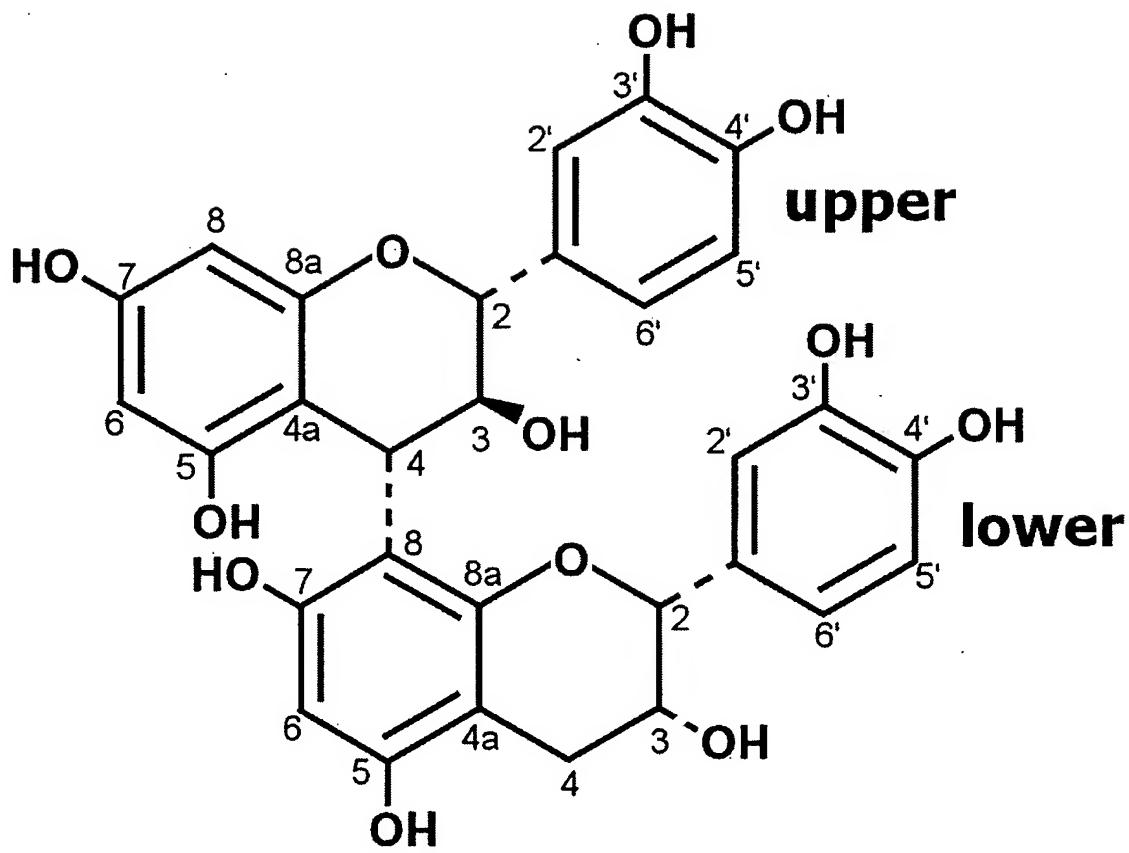
F2 (ppm)



F1 (ppm)

FIGURE 15

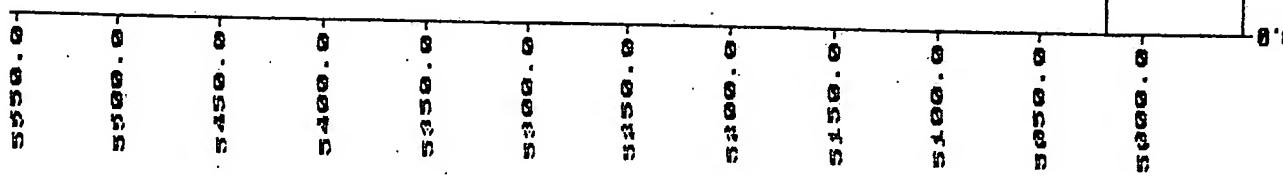
2022/5/29 2024/5/29



- FIGURE 26 -

Absorbance (mV)

H2



K2

Figure 27

Absorbance
(mV)

5022.0
5021.0
5020.0
5019.0
5018.0
5017.0
5016.0

14.896

K2

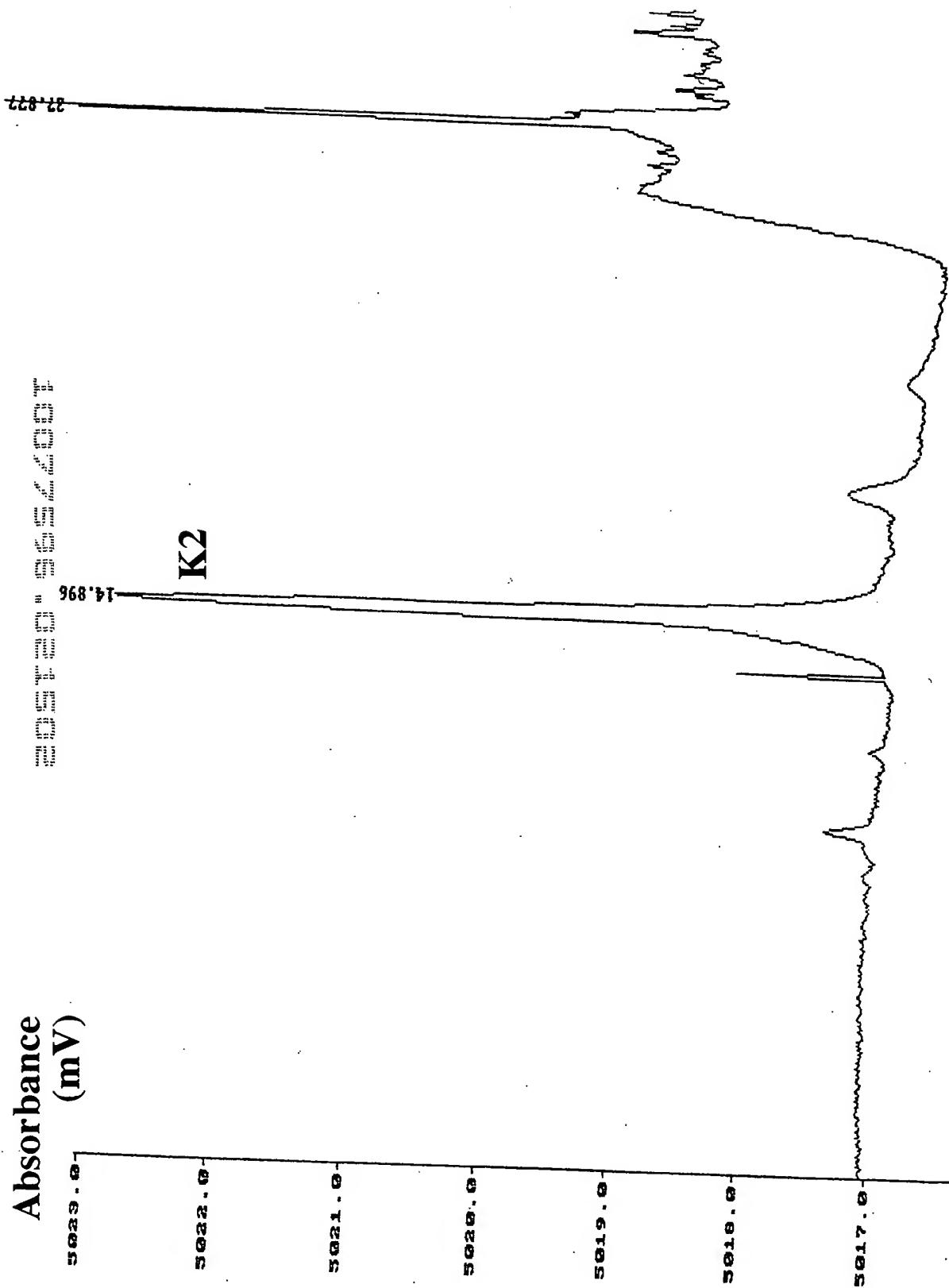


FIGURE 28

Minutes

68-11-1 100mg INJECTED
=CR10083 27 (0.452)

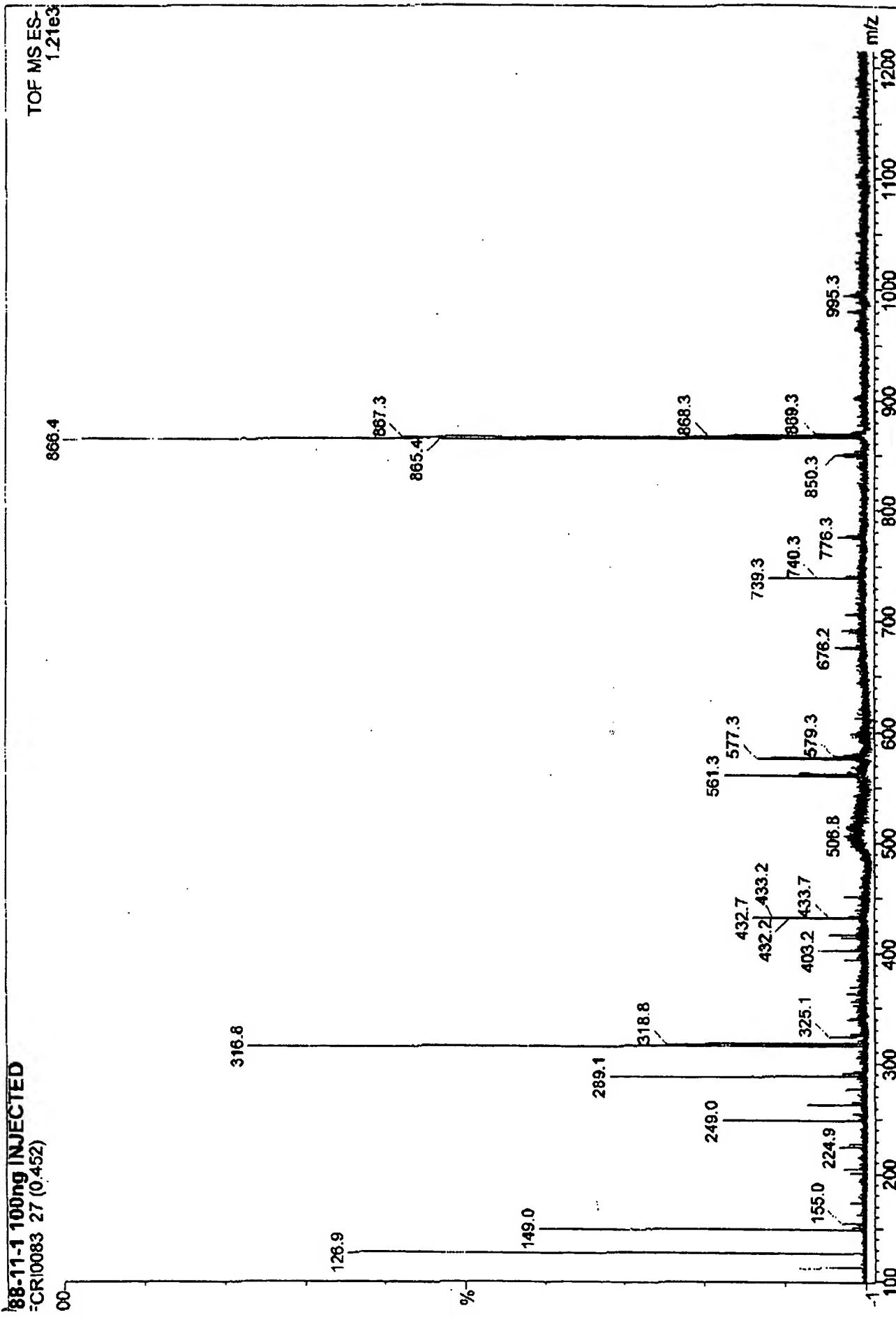


FIGURE 29

P88-16-3
After overnight
Pulse Sequence: s2pul

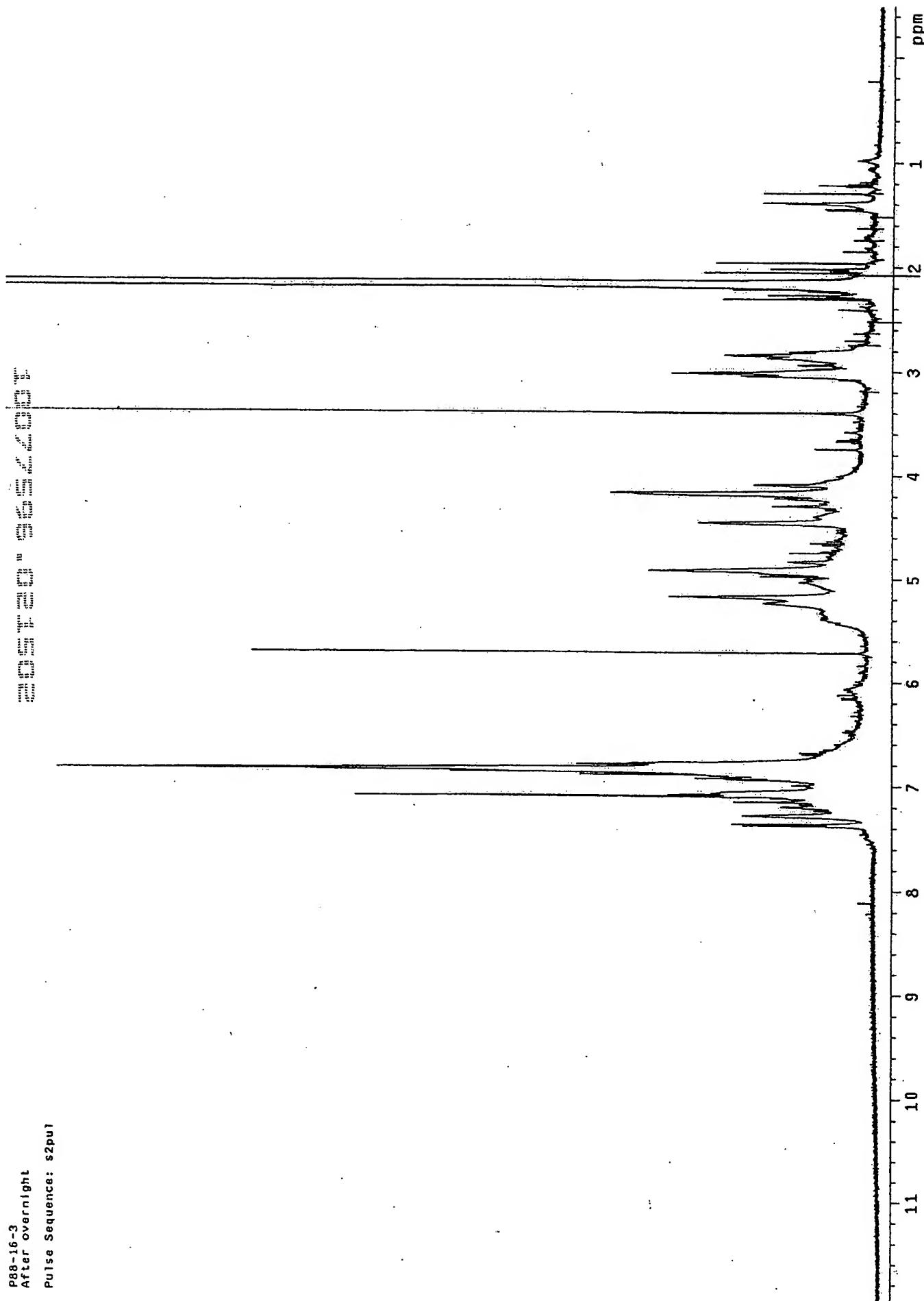


FIGURE 30

P88-22-11

Pulse Sequence: s2pu1
Solvent: CDC13
Temp. 25.0 C / 298.1
INQVA-500 "europa"

Relax. delay 1.000 sec
 Pulse 54.0 degrees
 Acq. time 3.668 sec
 Width 4467.0 Hz
 S2 repetitions
OBSERVE HI 499.7381570 MHz
 DATA PROCESSING
 FT size 65536
 Total time 6.2 min., 29 sec

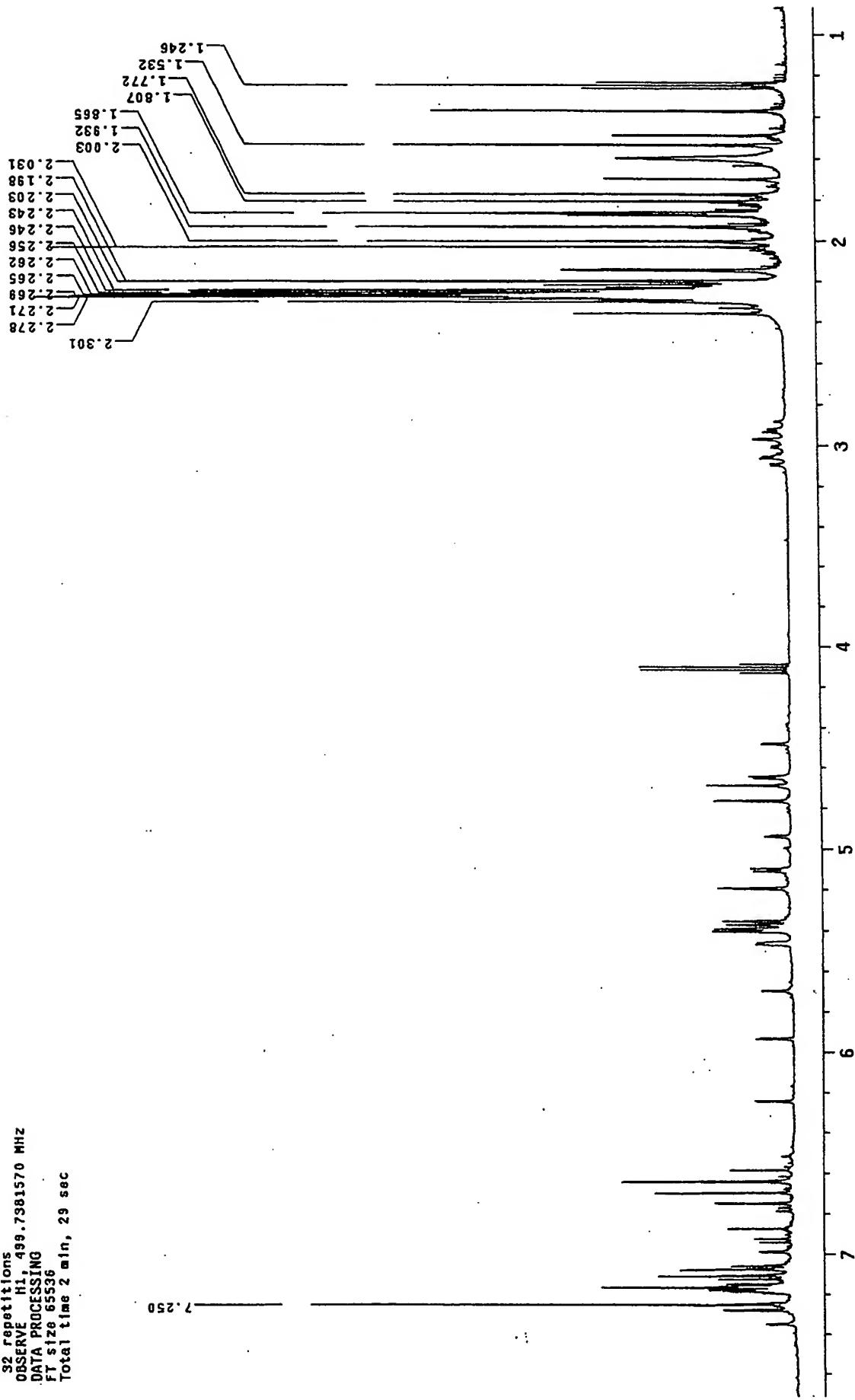


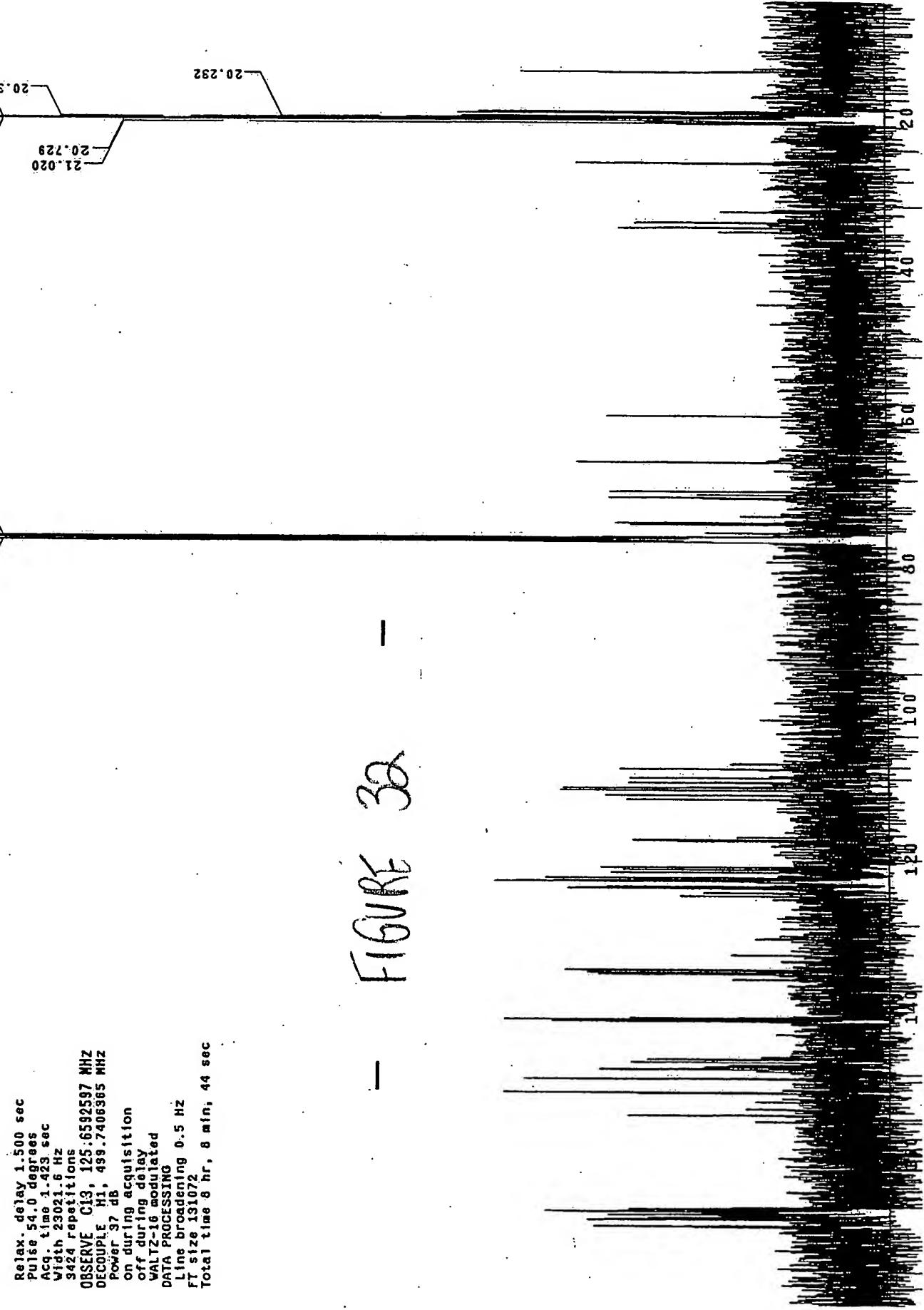
FIGURE 31

P88_22_11

Pulse Sequence: s2pul
Solvent: CDCl₃
Temp. 25.0 C / 299.1 K
User: 1-14-87
INOVA-300 "europac"

Relax. delay 1.500 sec
Pulse 54.0 degrees
Acq. time 1.423 sec
Width 23.021.6 Hz
3424 repetitions
OBSERVE Ci3, 125.6592597 MHz
OCOUPLE H1, 499.7406365 MHz
Power 37 dB
on during acquisition
off during delay
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
RF size 1310/2
Total time 8 hr, 8 min, 44 sec

76.745
76.985
77.250
20.620
20.564
20.550
20.371
20.292
21.020



Pulse Sequence: CIGAR
 Solvent: CDCl₃
 Temp. 25.0 °C / 298.1 K
 User: 1-14-87
 INOVA-500 "europa"

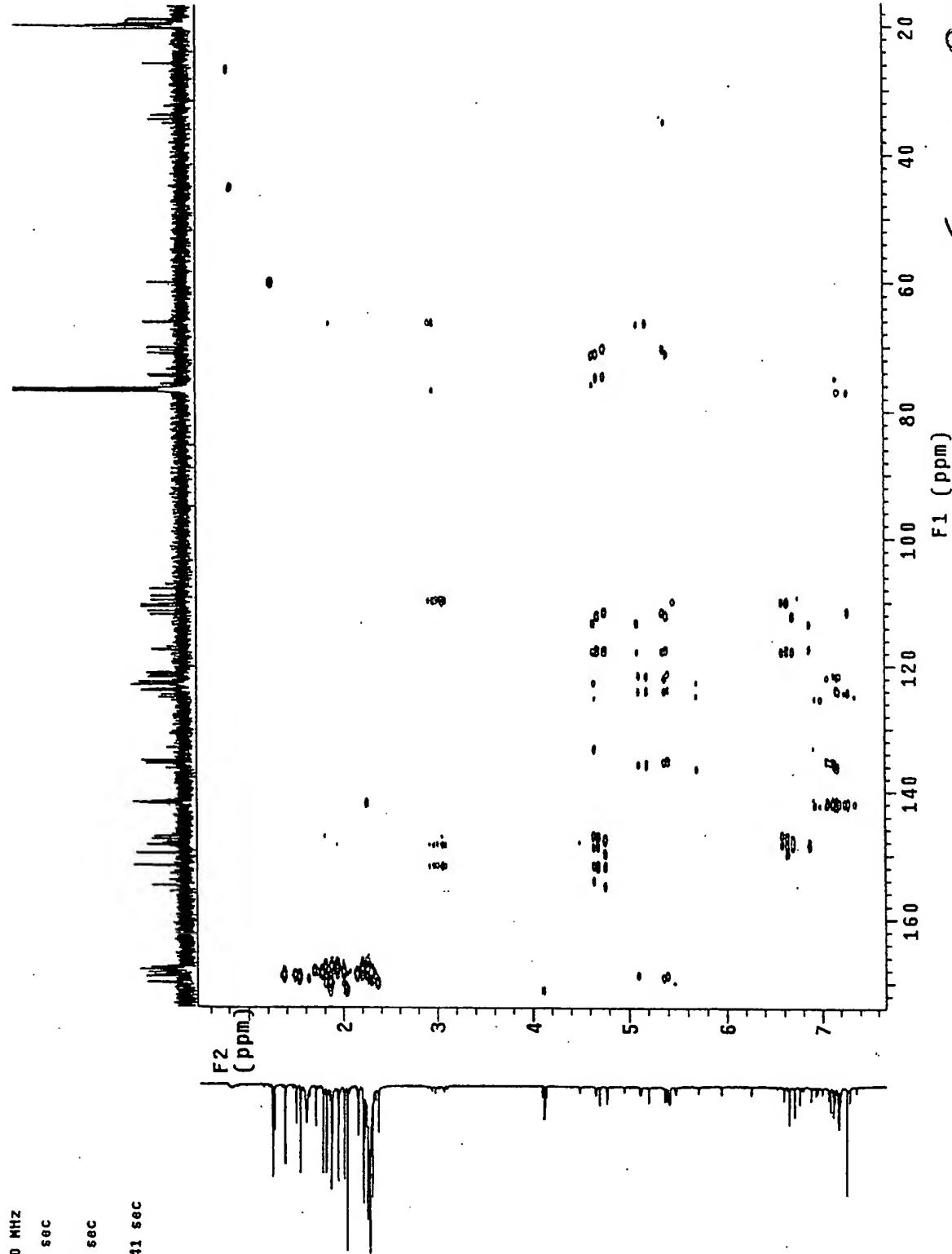


Figure 33 —

Printed on 10/22/2001

Pulse Sequence: CIGAR
Solvent: CDCl₃
Temp.: 25.0 °C / 298.1 K
User: 1-i4-87
INNOVA-500 "europia"

Relax. delay 1.000 sec
Acq. time 0.229 sec
Width 4467.0 Hz
2D Width 23021.6 Hz
32 repetitions
256 increments
OBSERVE H1, 499.7981570 MHz
DATA PROCESSING
Gauss apodization 0.115 sec
Sine bell 0.115 sec
F1 DATA PROCESSING
Gauss apodization 0.011 sec
Sine bell 0.007 sec
FT size 2048 x 4096
Total time 3 hr, 8 min, 41 sec

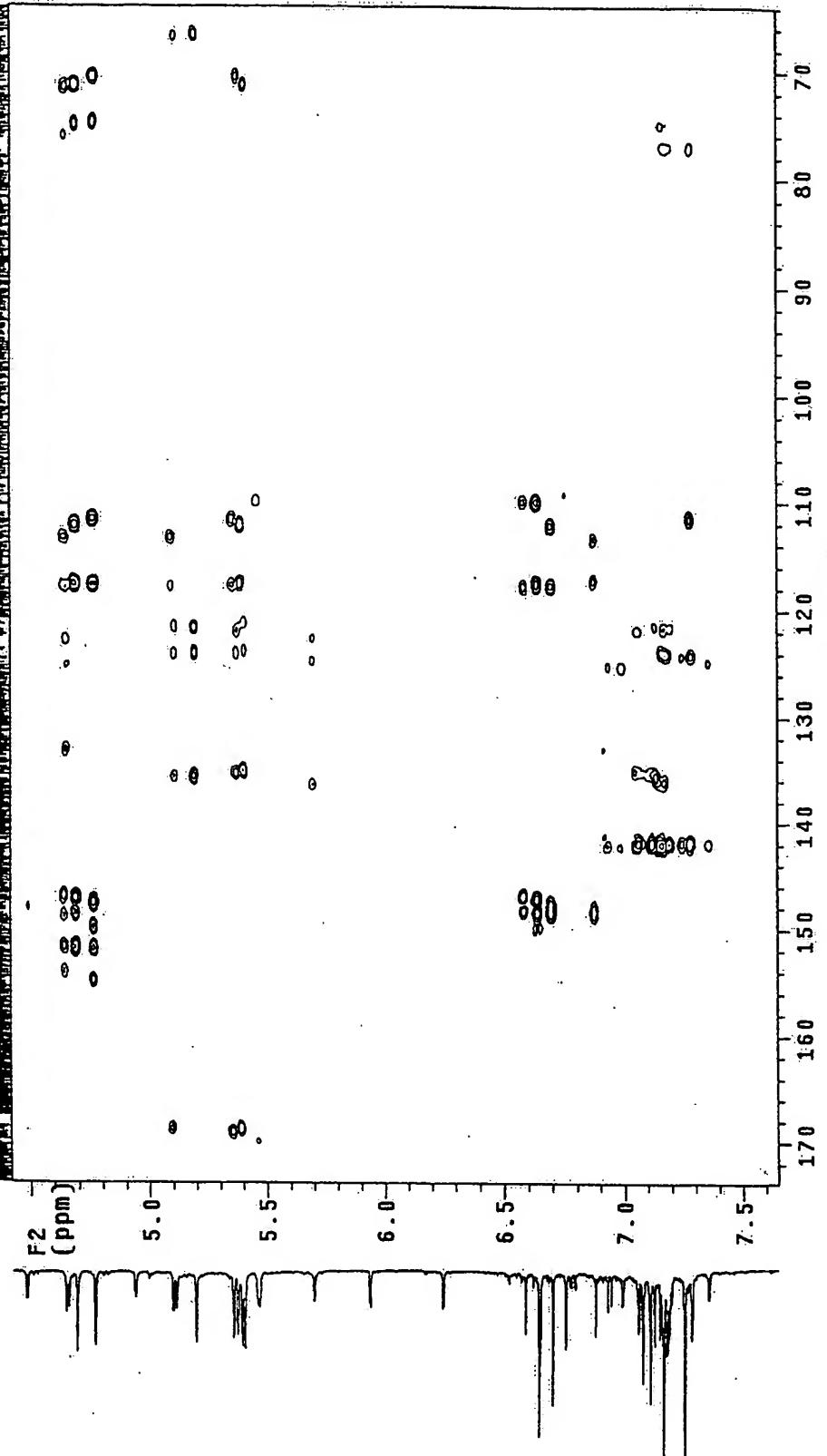
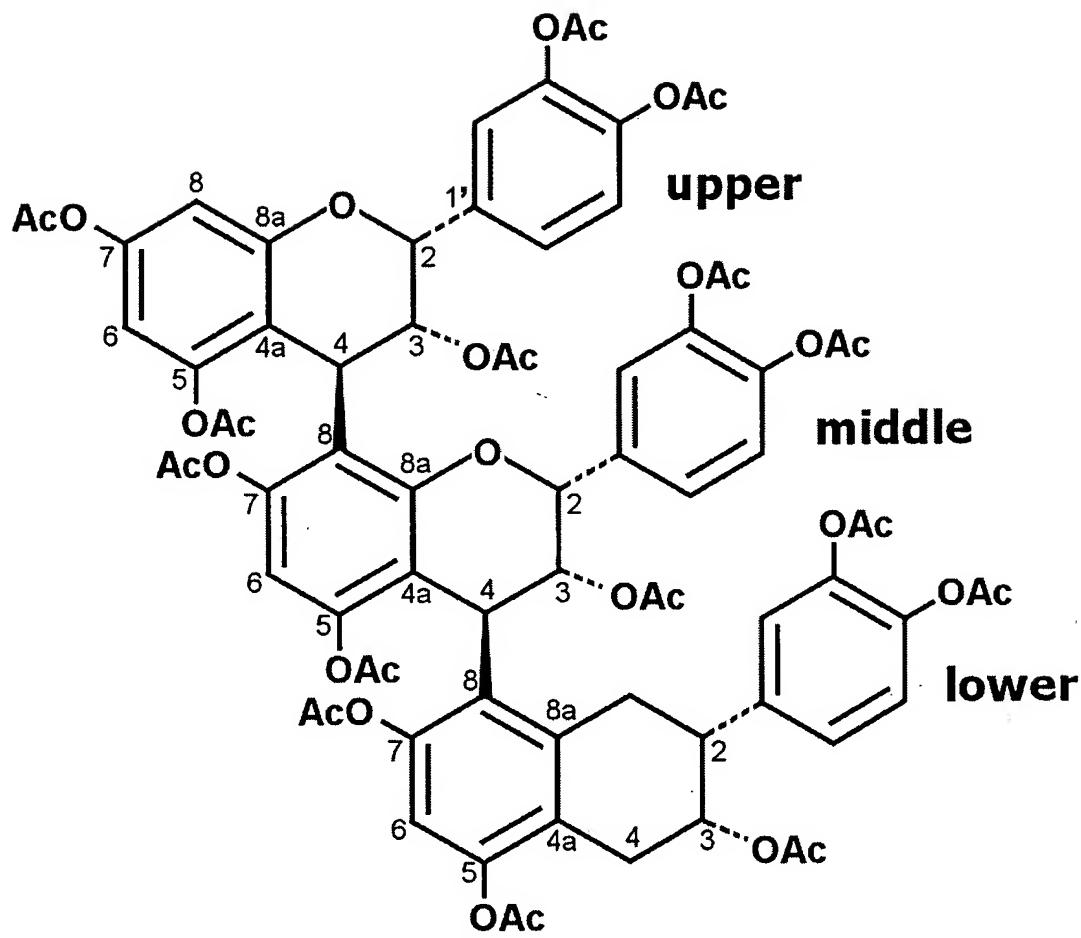


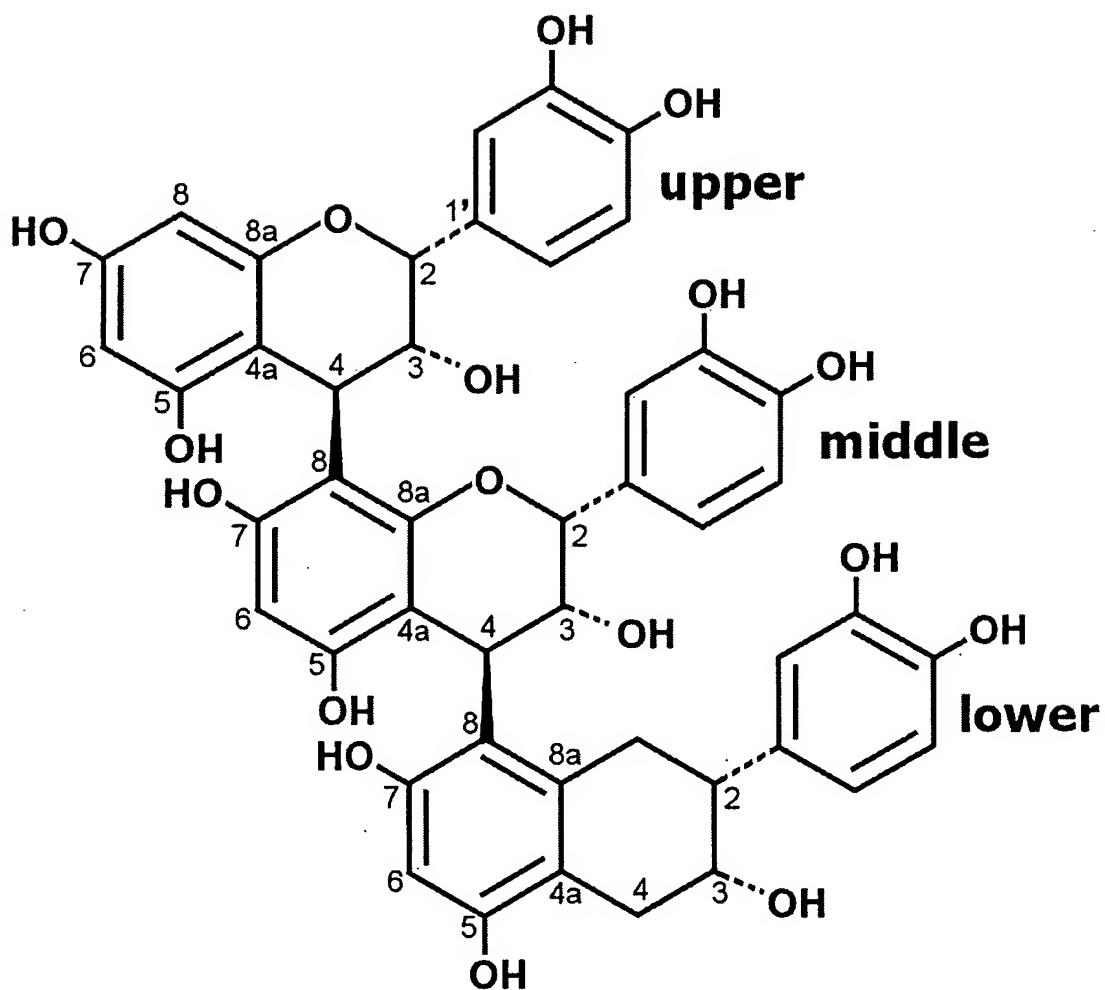
FIGURE 34

2000220000000000



- FIGURE 35 -

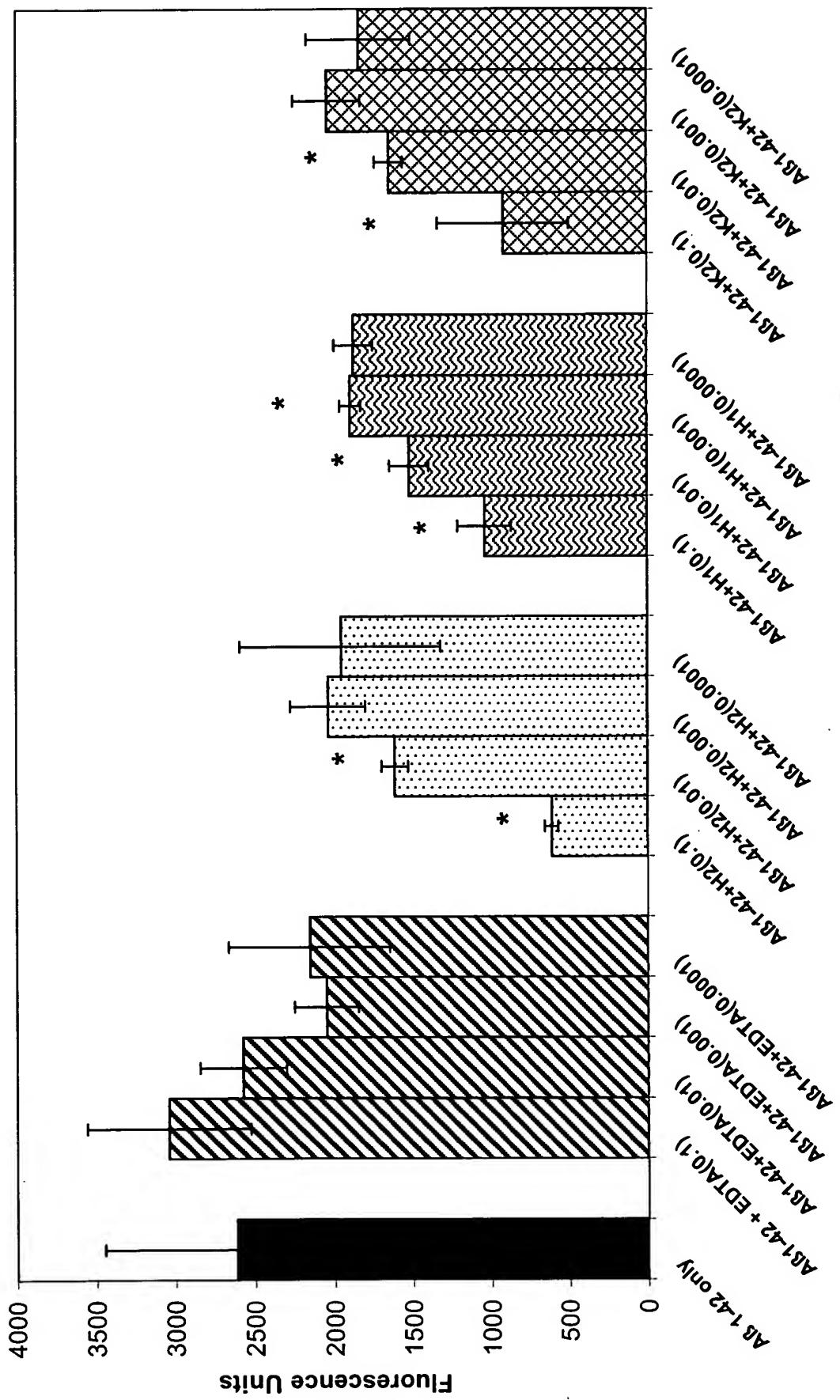
2025 RELEASE UNDER E.O. 14176



- FIGURE 36 -

FIGURE 37

7 Days Thioflavin-T Assay



2005/09/26 14:53:27

200 500 1000 2000 5000 20000 50000

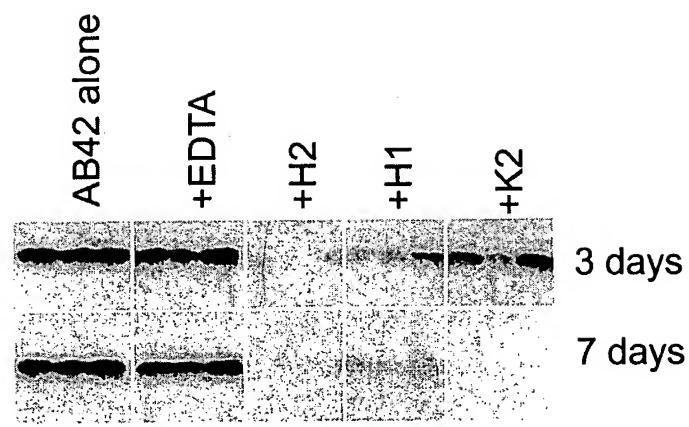
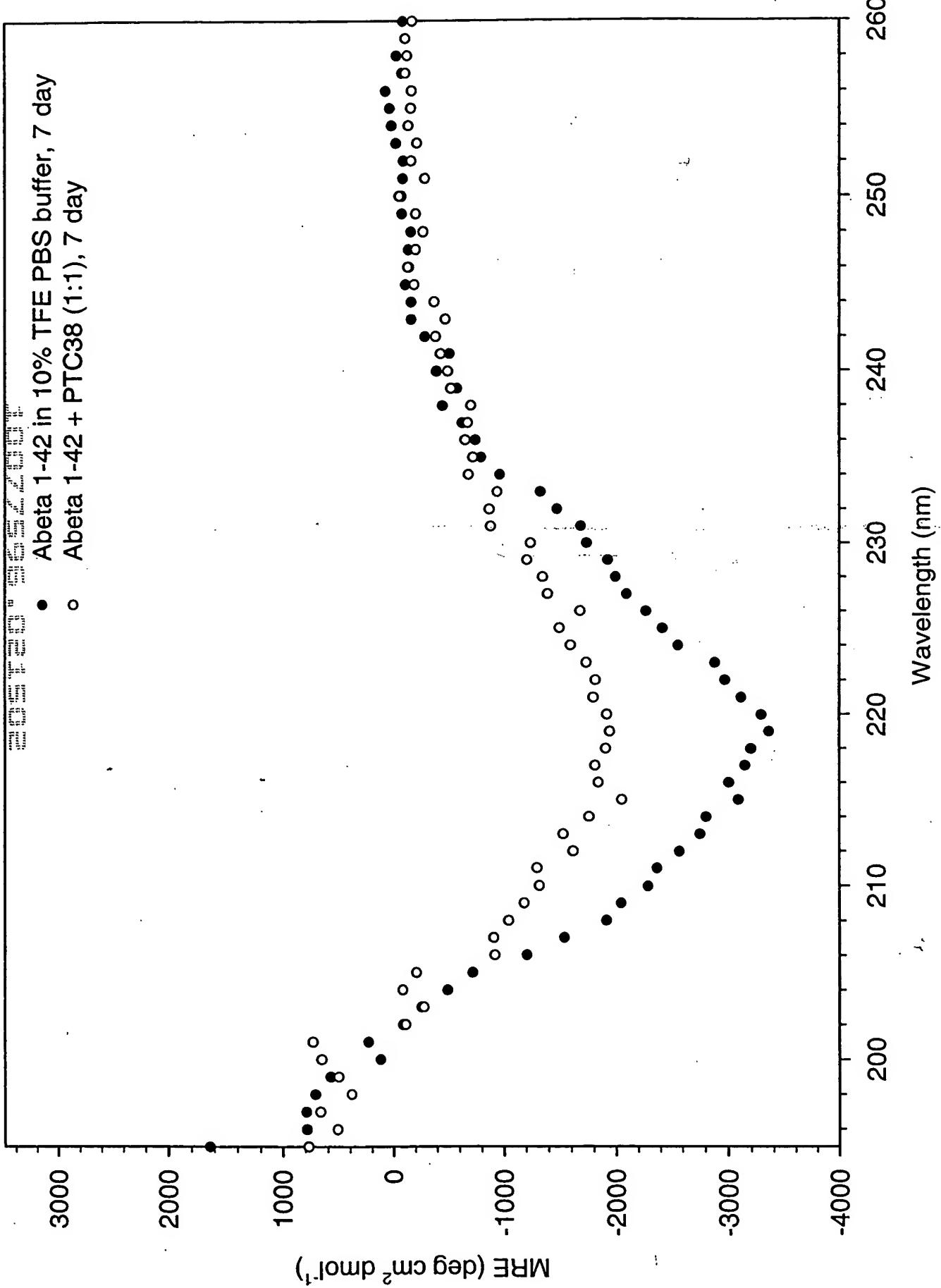


FIGURE 38



— FIGURE 39 —

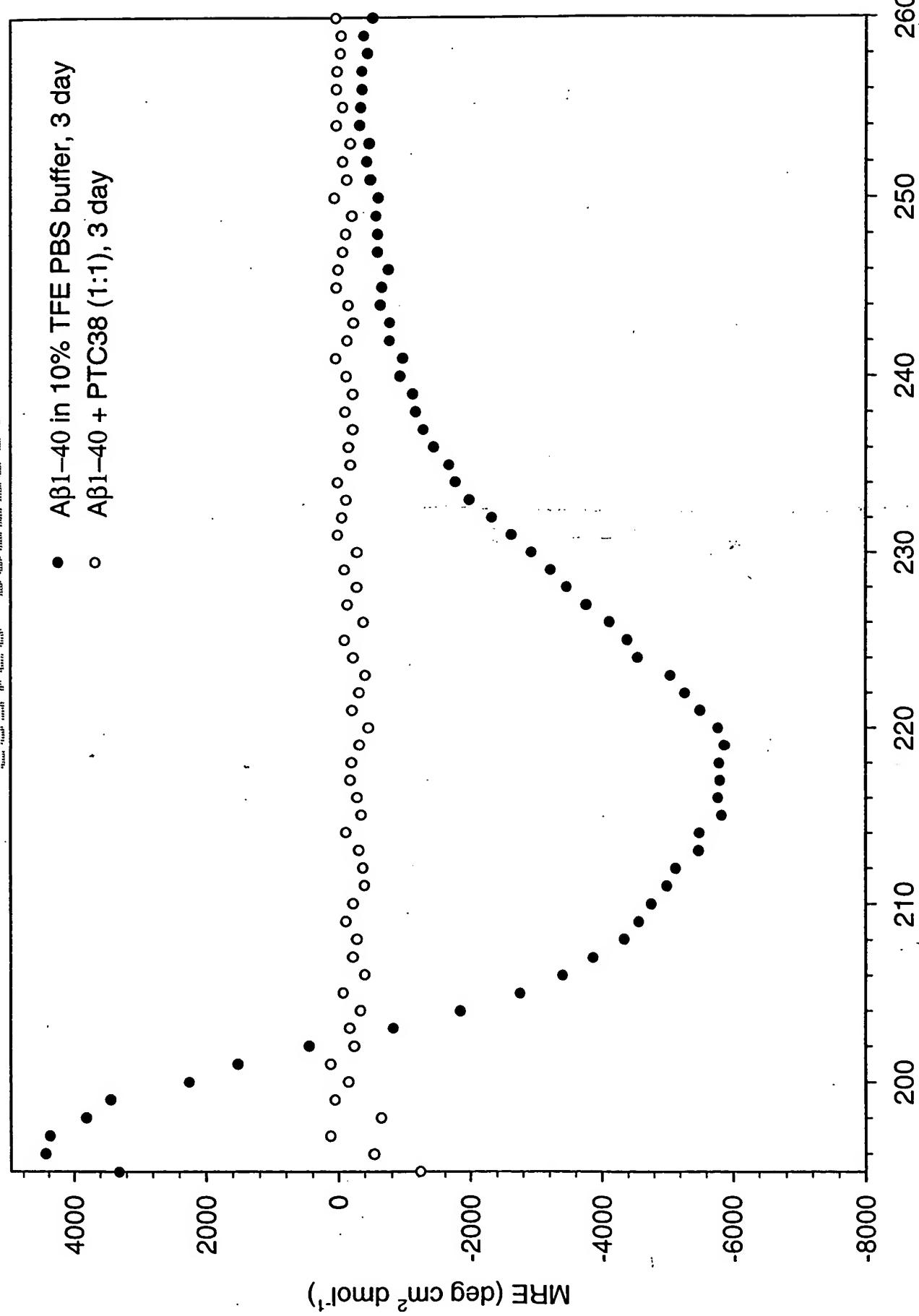
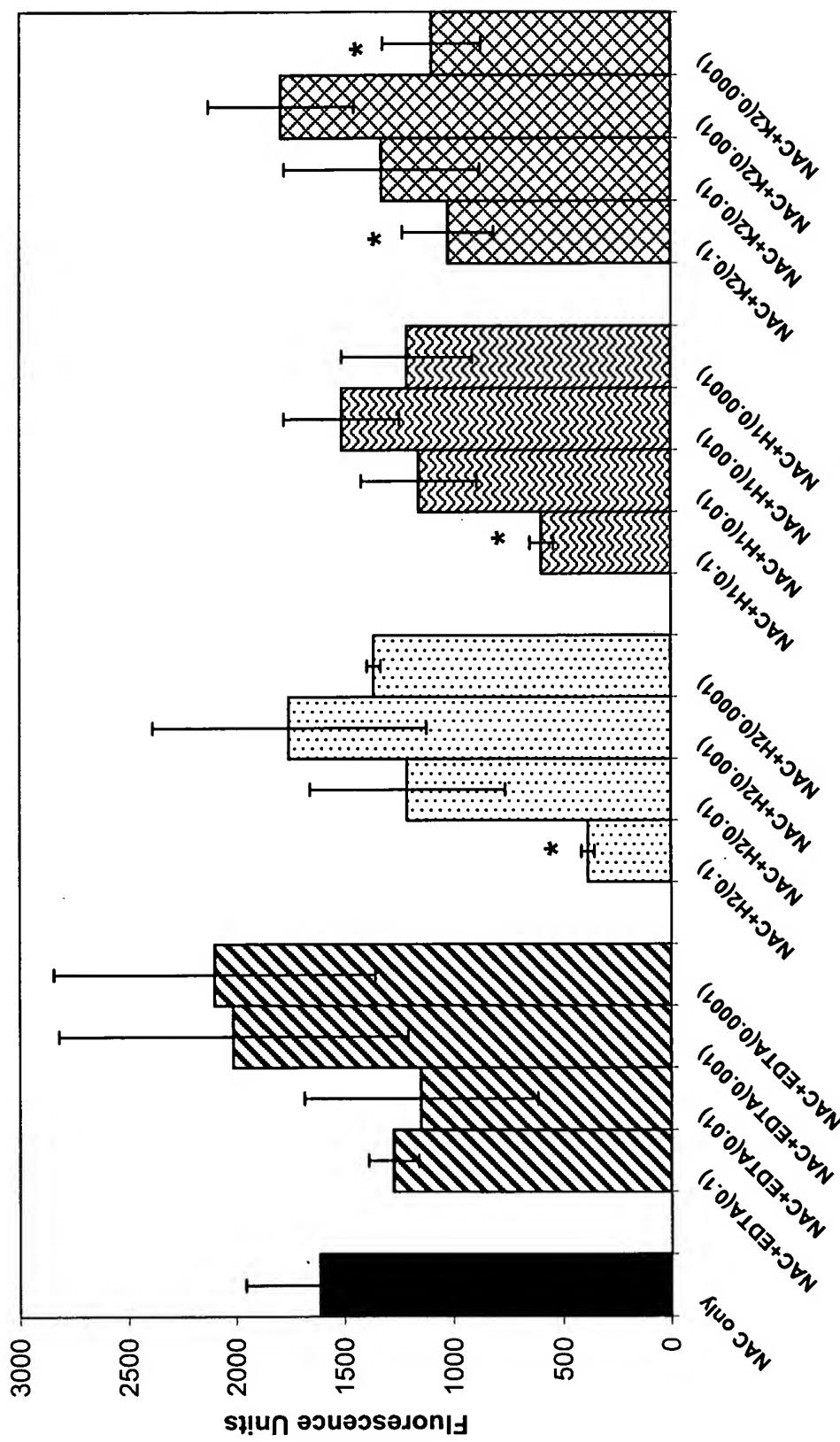


Figure 10

FIGURE 4

7 Days Thioflavin-T Assay



228572019952304

7 Days Thioflavin-T Assay

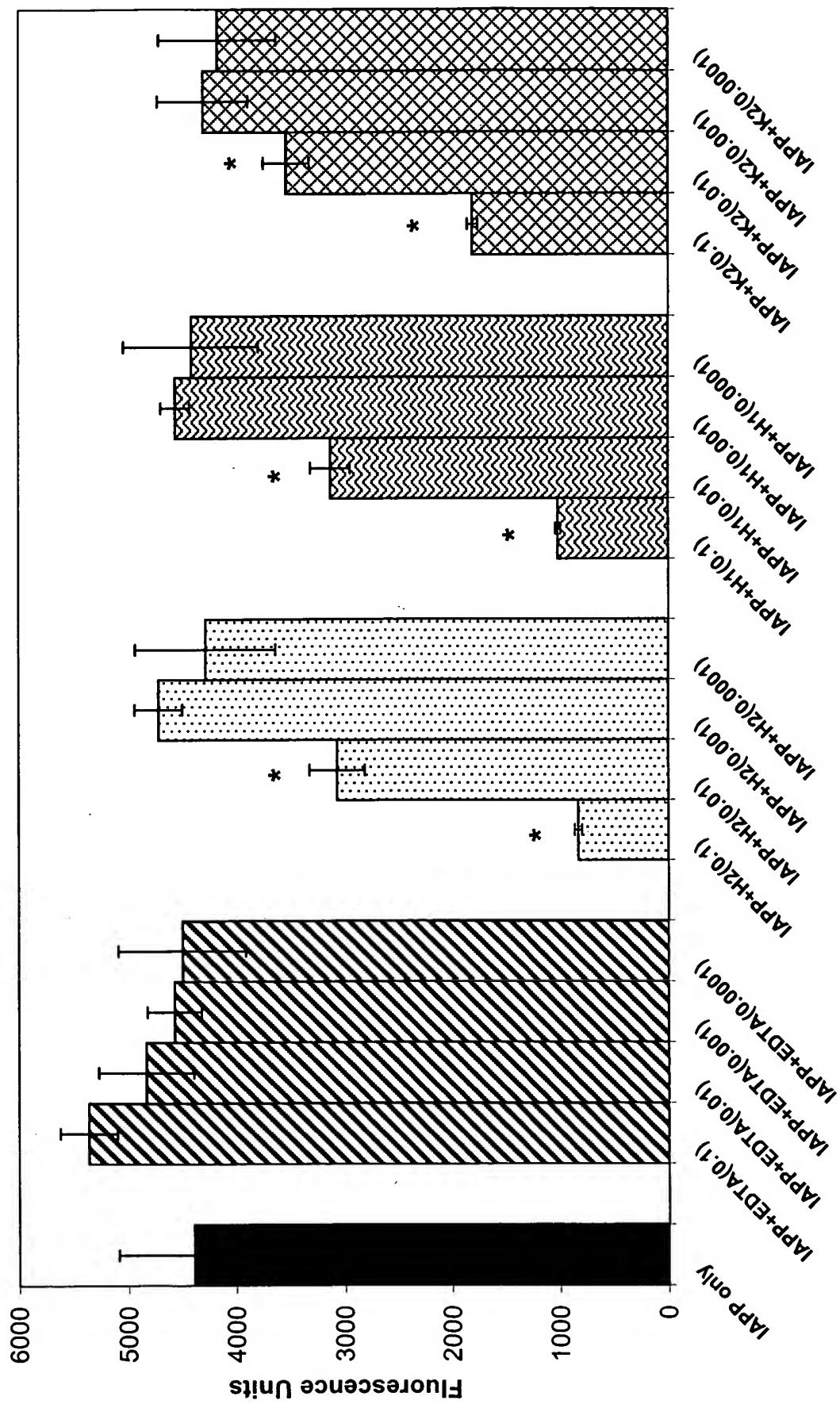


FIGURE 4Z

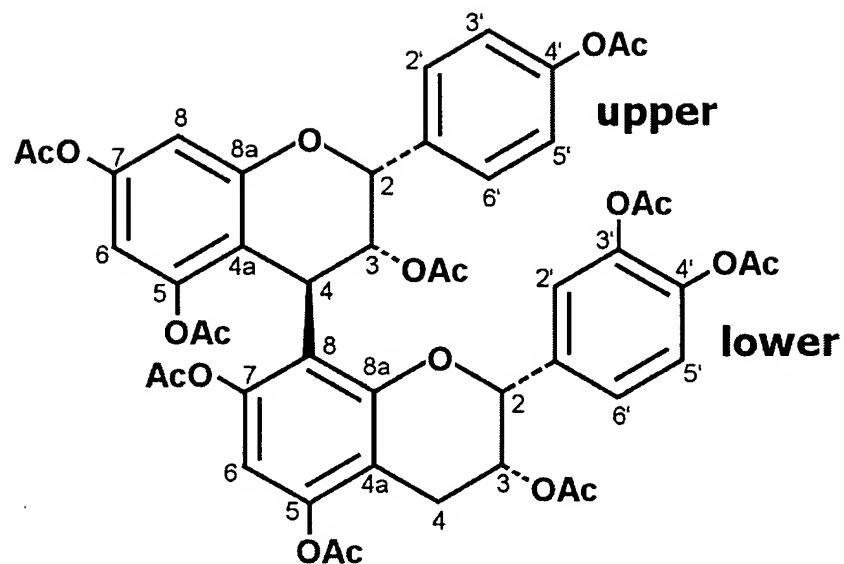


FIGURE 43

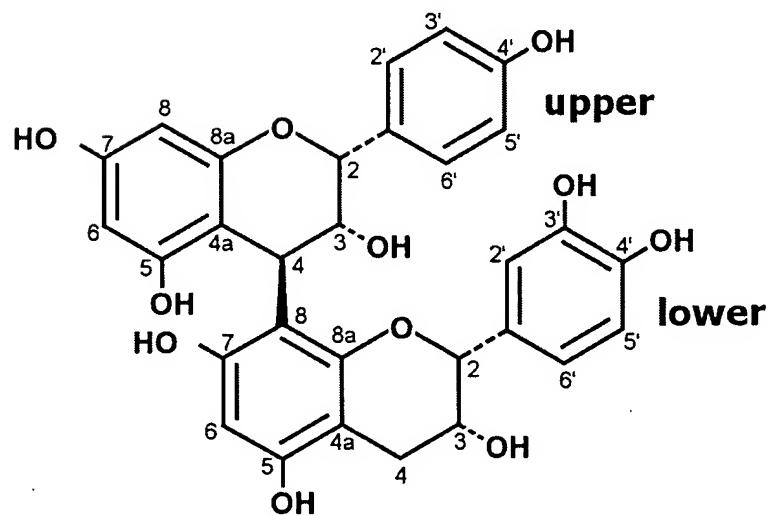
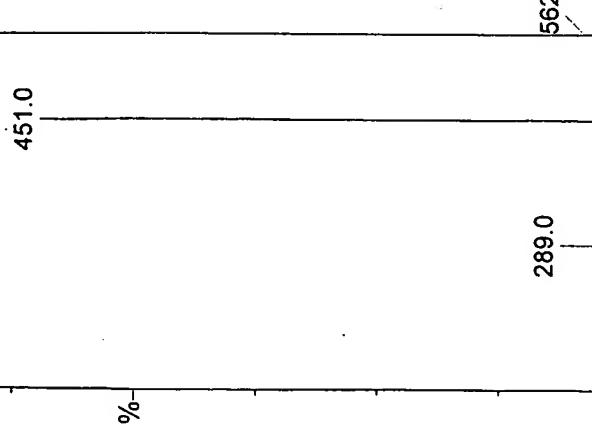


FIGURE 44

P88-27-40 100 ng INJECTED
CFCR10087 28 (0.467)

100

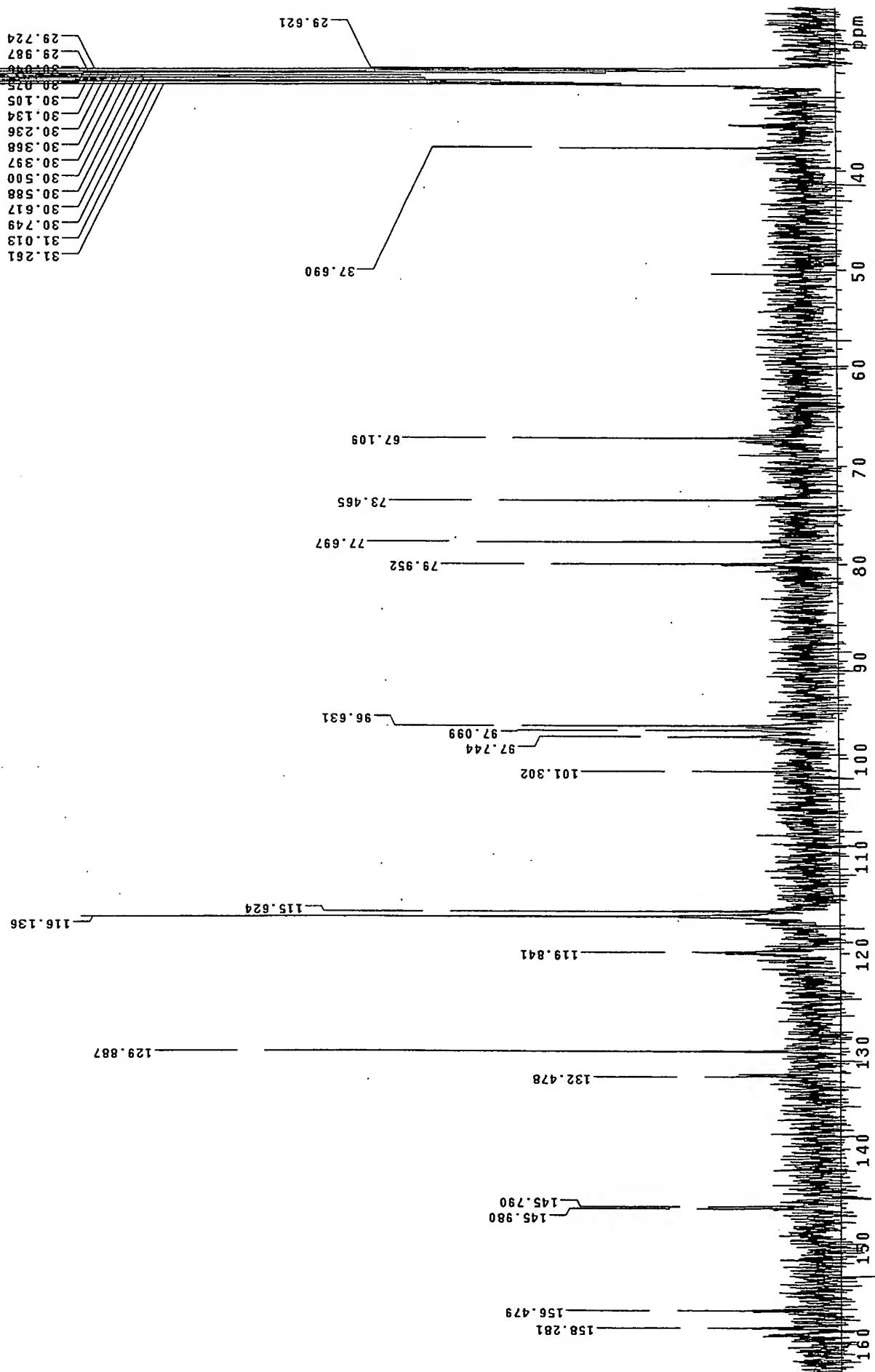
TOF MS ES-
1.09e4



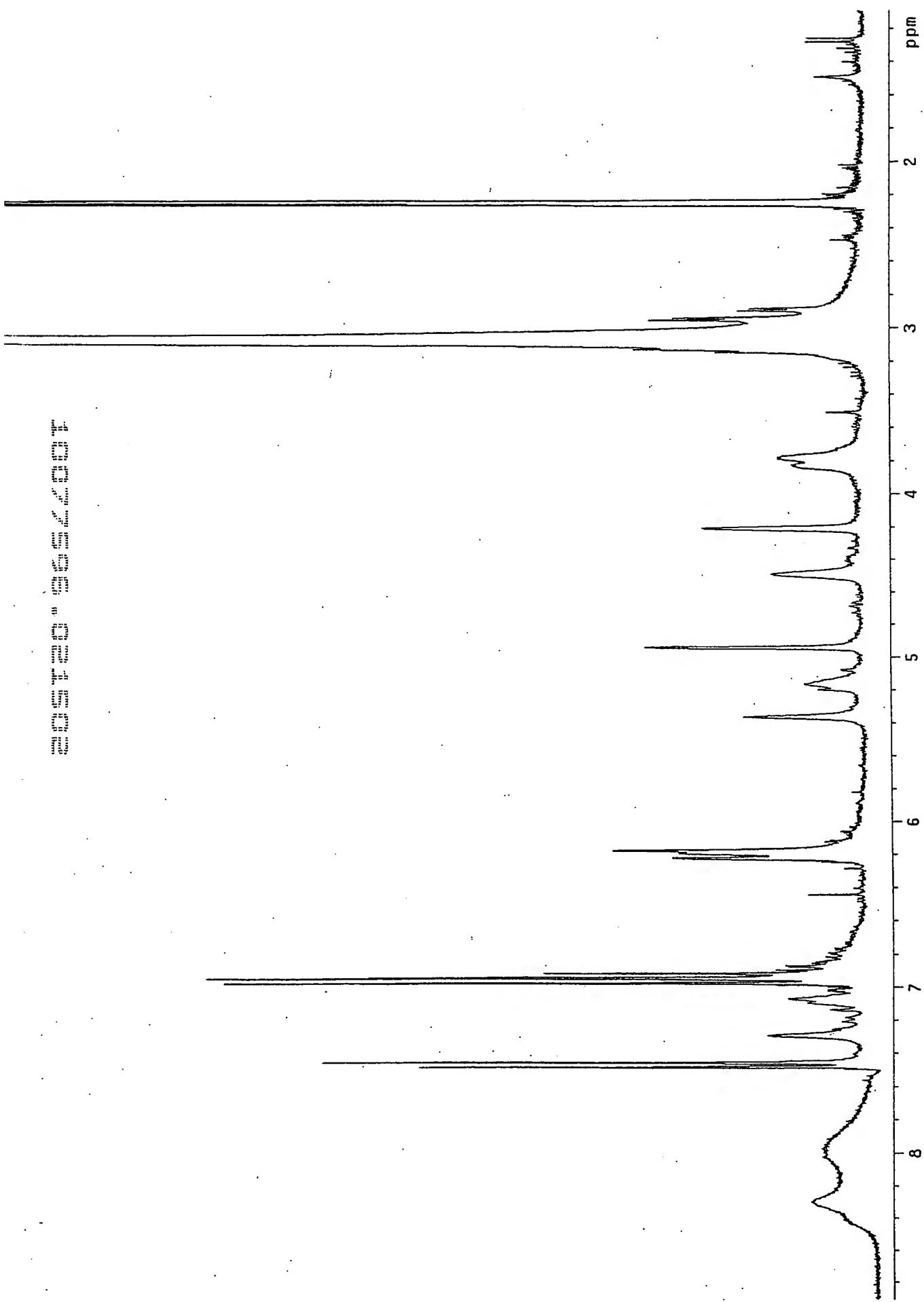
0 200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 m/z

FIGURE 46

FIGURE 46



0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.0

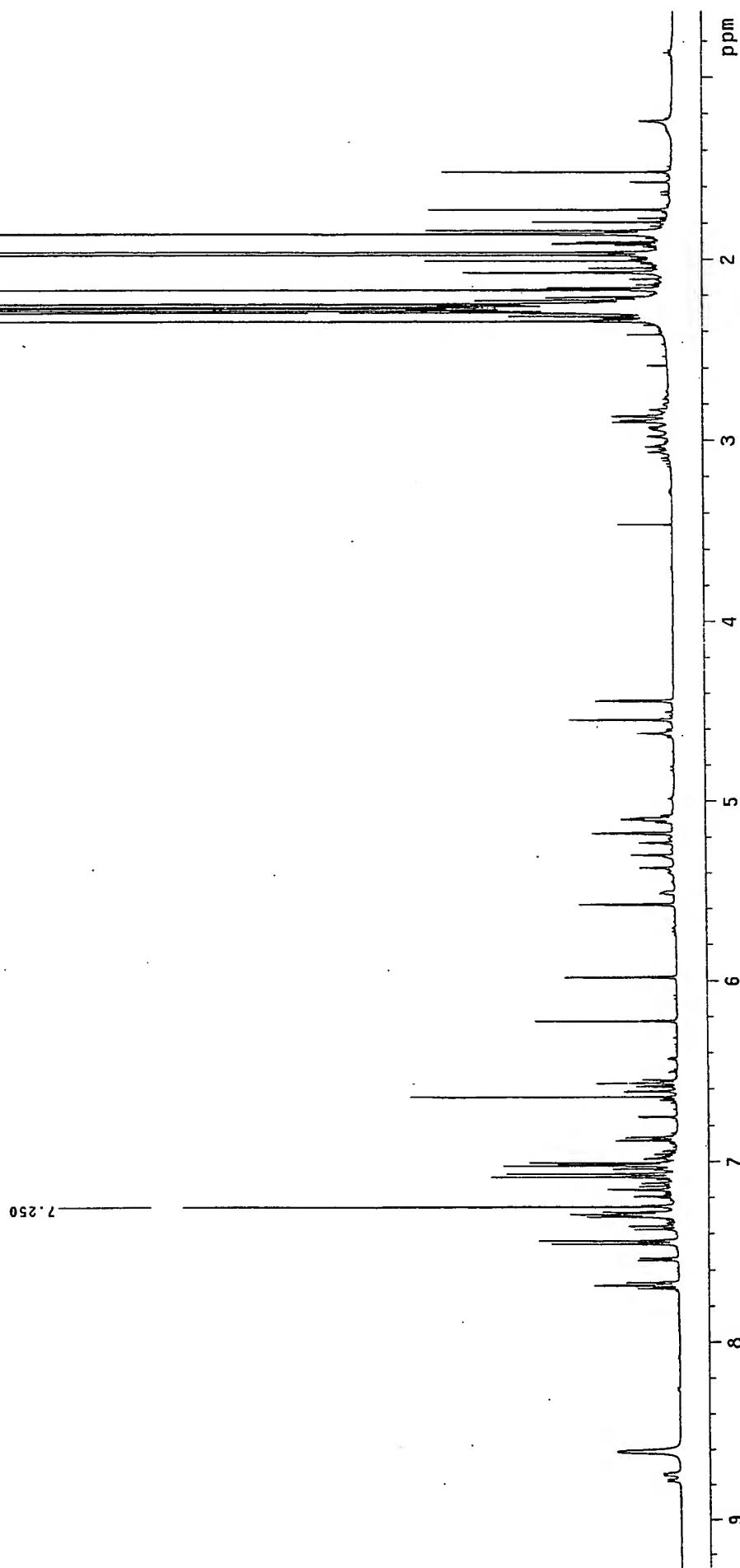


— FIGURE 47 —

P88-27-40a

Pulse Sequence: s2pul
Solvent: CDCl₃
Temp: 25.0 °C / 298.1 K
INOVA-500 "Europa"

Relax delay 1.000 sec
pulse 54.0 degrees
Acq. time 3.185 sec
Width 5144.4 Hz
128 repetitions
OBSERVE H₁; 499.7381577 MHz
DATA PROCESSING
FT size 65536
Total time 8 min, 56 sec



- FIGURE 48 -

P88-27-40a

Pulse Sequence: s2pu1
Solvent: CDC13
Temp. 25.0 C / 298.1 K
User: 1-14-87
INOVA-500 "europa"

Relax. delay 3.000 sec
Pulse 54.0 degrees
Acq. time 1.333 sec
Width 2529.4 Hz
16512 repetitions
OBSERVE C13, 125.6592609 MHz
DECOUPLE H1, 499.7496365 MHz
Power 31 dB
on during acquisition
off during delay
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 131072
Total time 24 hr, 27 min, 15.5 sec

149.505

127.724

121.350

77.251

76.992

76.743

20.750
20.727
20.694
20.661
20.616

21.081

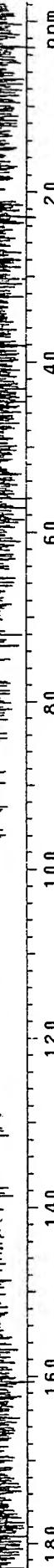


FIGURE 49

P88-27-40a

Pulse Sequence: CIGAR
Solvent: CDC13
Temp. 25.0 °C / 298.1 K
User: 1-1-87
INOVA-500 "europa"

Relax. delay 1.000 sec
Acq. time 0.199 sec
Width 5144.4 Hz
2D Width 23529.4 Hz
192 repetitions

256 increments
OBSERVE H1, 499.7301577 MHz
DATA PROCESSING
Gauss apodization 0.100 sec
Sine bell 0.100 sec
F1 DATA PROCESSING
Gauss apodization 0.011 sec
Sine bell 0.011 sec
FT size 2048 x 4096
Total time 18 hr, 23 min, 37 sec

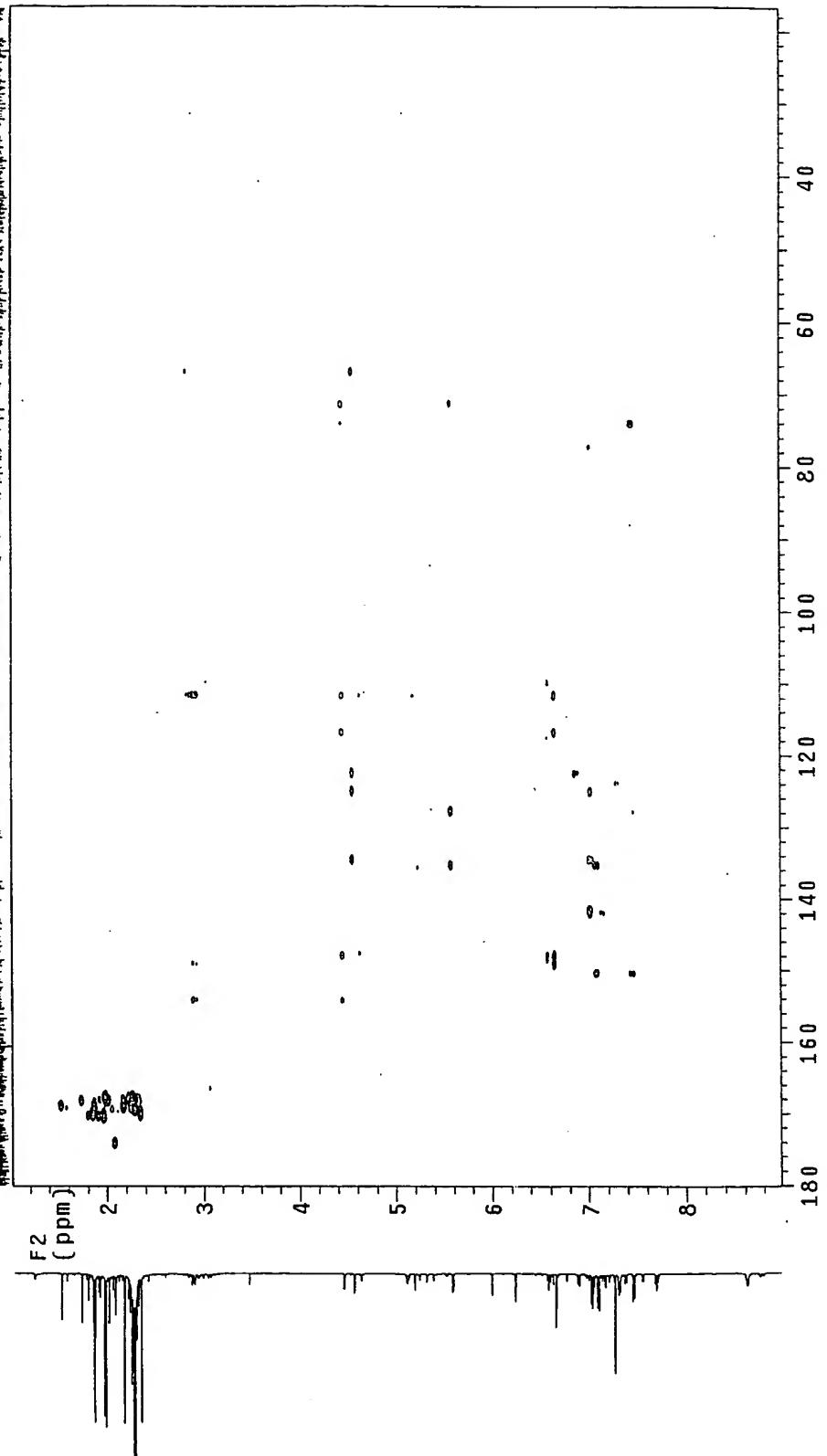


FIGURE 50

P8B-27-40a

Pulse Sequence: CIGAR

Solvent: CDC13
Temp.: 25.0 C / 298.1 K

File: P8B_27_40a_cigar
WORKSTATION "ganymede"

PULSE SEQUENCE: CIGAR
Relax. delay 1.000 sec
Acq. time 0.199 sec
Width 5144.4 Hz
2D Width 23529.4 Hz
192 repetitions
256 increments

OBSERVE H1, 499.7381577 MHz
DATA PROCESSING
Gauss apodization 0.100 sec
Sine bell 0.100 sec
F1 DATA PROCESSING
Gauss apodization 0.011 sec
Sine bell 0.007 sec
FT size 2048 x 4096
Total time 18 hr, 23 min, 37 sec

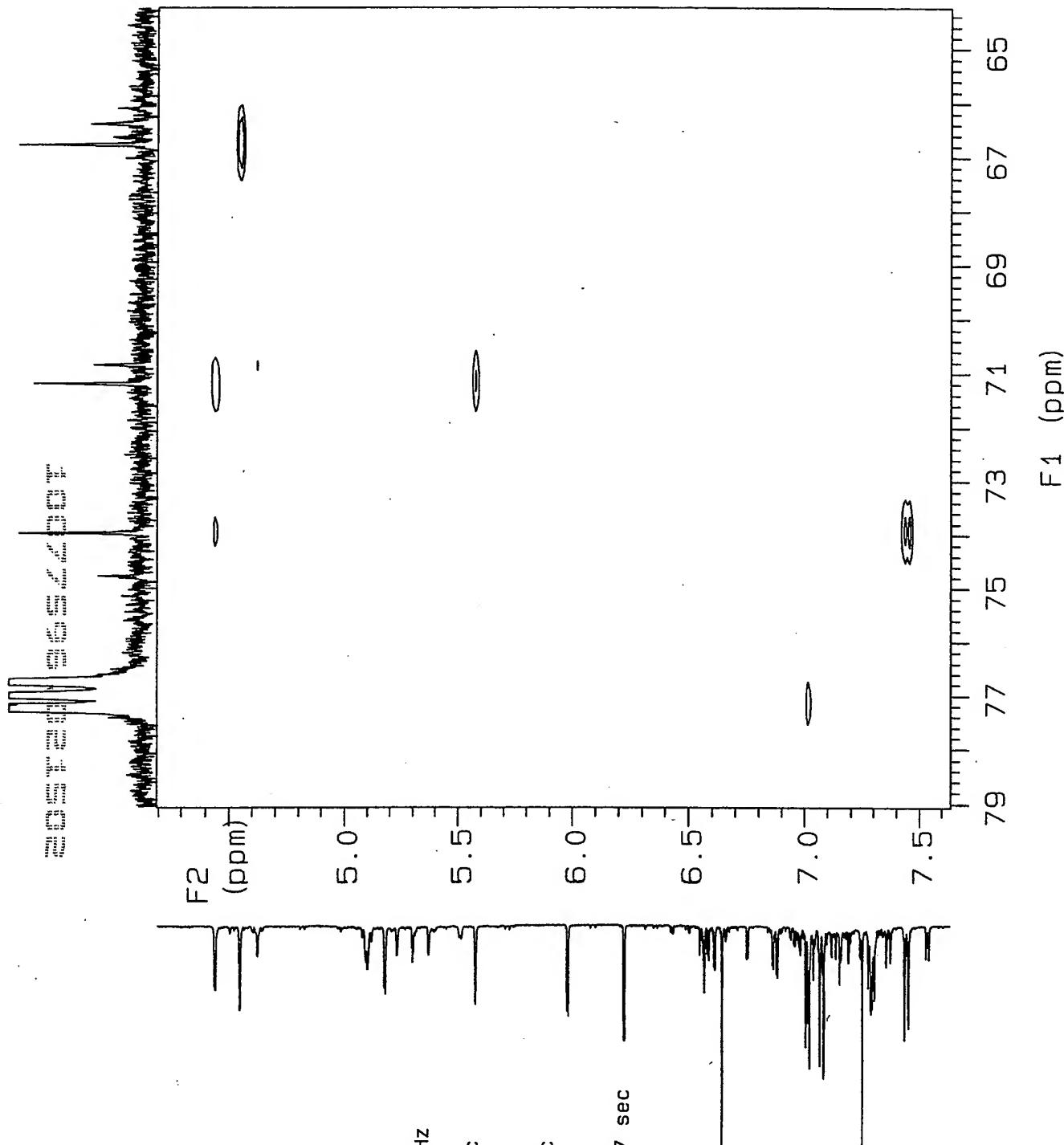


FIGURE 51

P88-27-40a

Pulse Sequence: CIGAR

Solvent: CDC13
Temp. 25.0 C / 298.1 K

File: P88_27_40a_cigar
WORKSTATION "ganymede"

PULSE SEQUENCE: CIGAR
Relax. delay 1.000 sec

Acq. time 0.199 sec
Width 5144.4 Hz

2D Width 23529.4 Hz
192 repetitions

256 increments
OBSERVE H1, 499.7381577 MHz

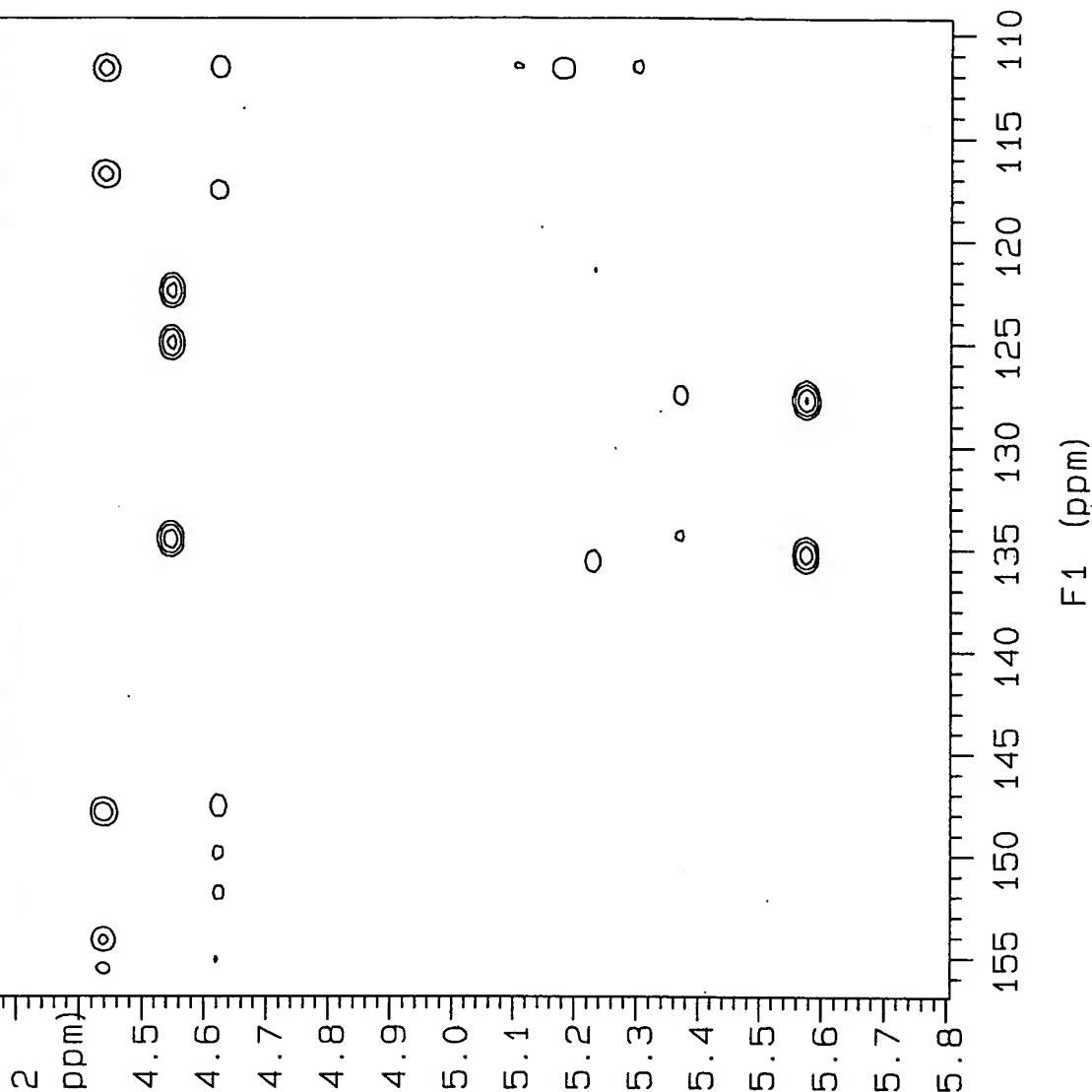
DATA PROCESSING
Gauss apodization 0.100 sec
Sine bell 0.100 sec

F1 DATA PROCESSING

Gauss apodization 0.011 sec
Sine bell 0.007 sec

FT size 2048 x 4096

Total time 18 hr, 23 min, 37 sec



F1 (ppm)

— FIGURE 52

P88-27-40a

Pulse Sequence: CIGAR

Solvent: CDC13

Temp. 25.0 C / 298.1 K

File: P88_27_40a_cigar

WORKSTATION "ganymede"

PULSE SEQUENCE: CIGAR

Relax. delay 1.000 sec

Acq. time 0.199 sec

Width 5144.4 Hz

2D Width 23529.4 Hz

192 repetitions

256 increments

OBSERVE H1, 499.7381577 MHz

DATA PROCESSING

Gauss apodization 0.100 sec

Sine bell 0.100 sec

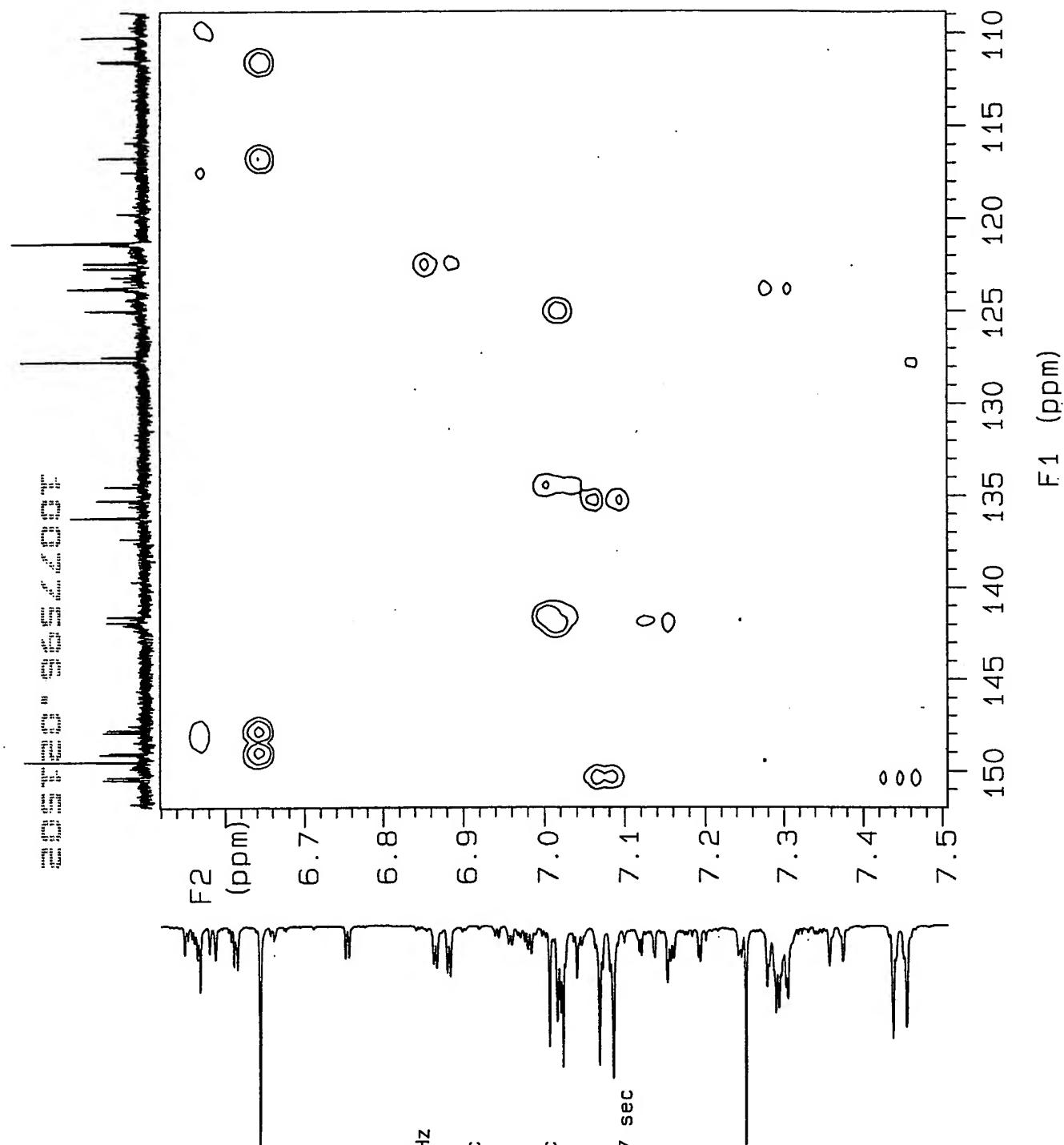
F1 DATA PROCESSING

Gauss apodization 0.011 sec

Sine bell 0.007 sec

FT size 2048 x 4096

Total time 18 hr, 23 min, 37 sec



F1 (ppm)

— FIGURE 53

2023 RELEASE UNDER E.O. 14176

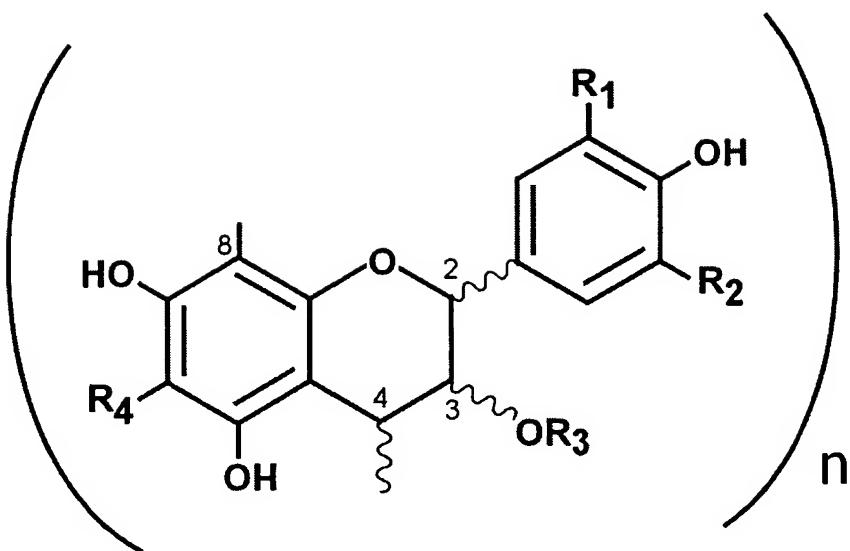


FIGURE 54

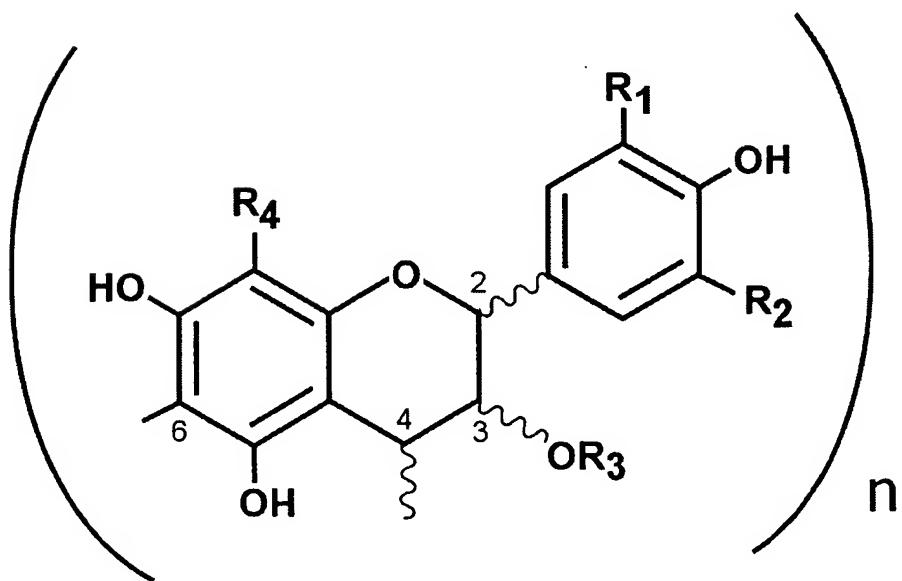


FIGURE 55

2025 RELEASE UNDER E.O. 14176

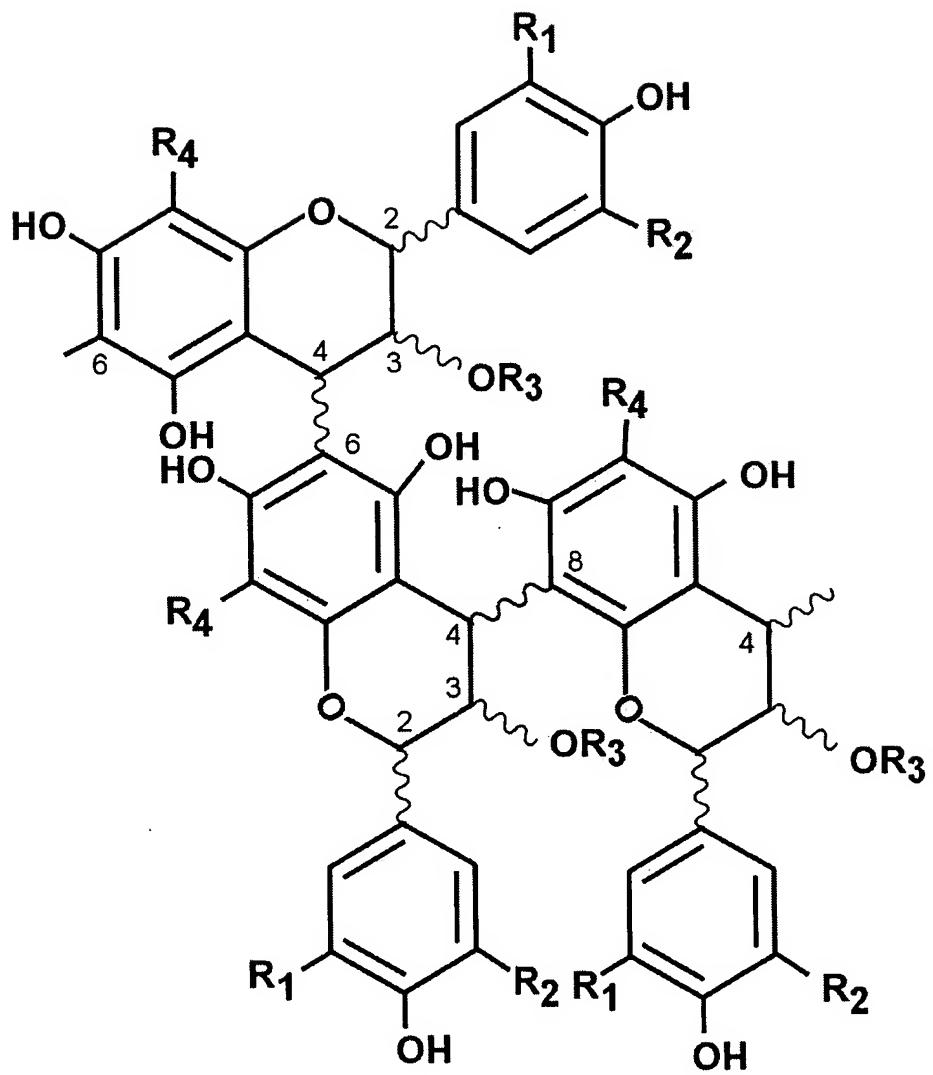


FIGURE 56

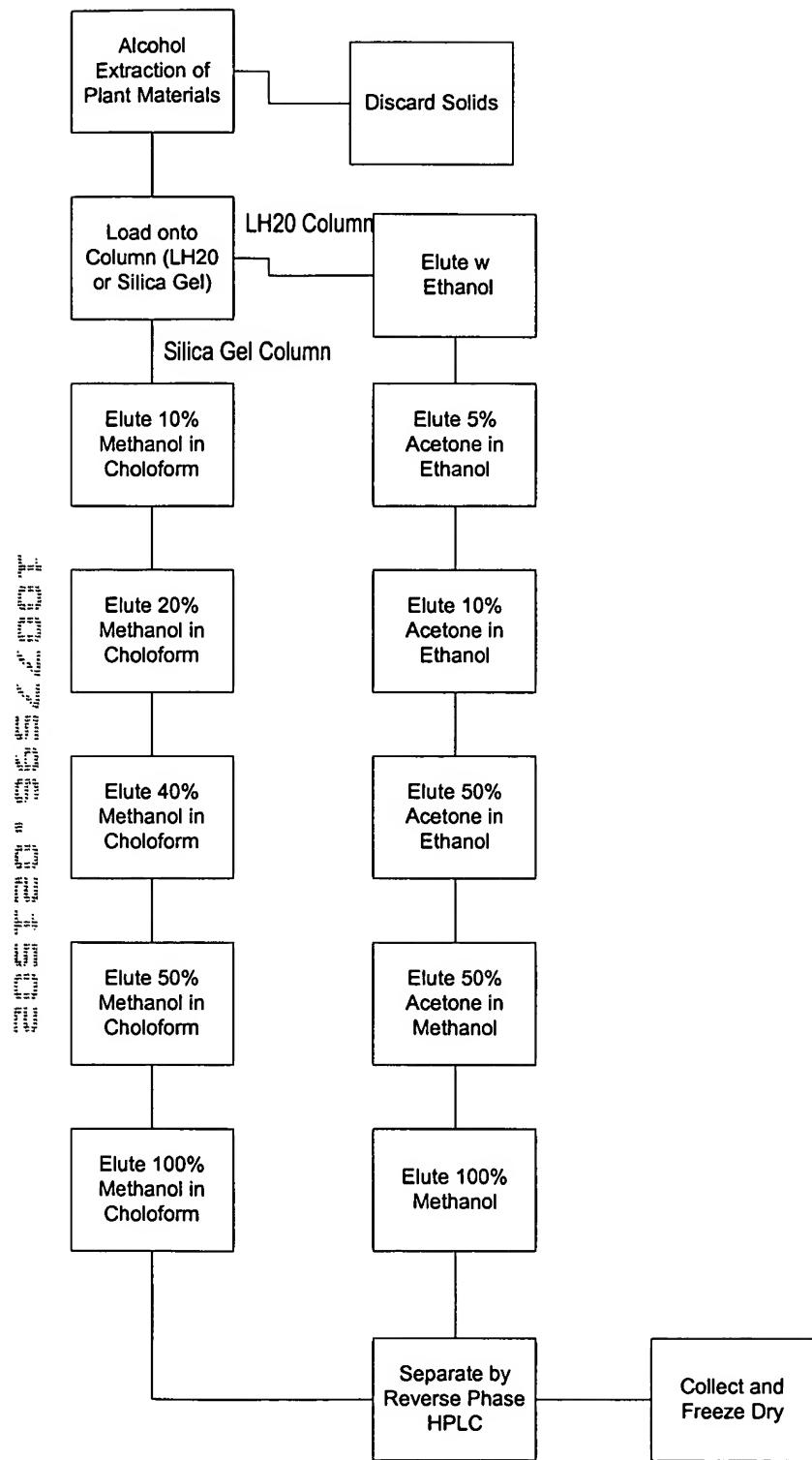


FIGURE 57